



OSCAR®

The lubricant professionals



Product Catalogue

Oscar Lubricants in Brief

Oscar Lubricants was established in 1998 with the primary focus of manufacturing and marketing of specialty lubricants, hydraulic brake fluids and automotive radiator coolants.

In 2005 the company started production of automotive, industrial and marine lubricants.

In 2010 we operated the first extension by doubling the plant plot area and adding more blending capacity.

In 2015 we inaugurated the first State of the Art lube oil blending plant implementing the latest technologies and enjoying international standards.

Today, we are housed in 17,000 square meters including covered warehouses of 13,000 square meters and laboratory areas of 500 square meters with an accommodation facility for 100 employees.

Our primary location has easy access to various ports in the UAE, enabling us to ship goods on urgent basis to various countries in the region.

The strength of Oscar Lubricants is its dedicated personnel to service our customers/partners round the clock, financial stability, product inventory and prompt delivery.

The plant is based in Ajman, while the Company Head Quarters is located in Business Bay, Dubai, United Arab Emirates, Oscar Lubricants is an ISO 9001:2015 certified company.



Technological Research Center The most comprehensive in the Middle East

With more than forty sophisticated laboratory instruments and highly motivated and specialized personnel, Oscar Lubricants laboratories are one of the best and most comprehensive research centers of the Middle East, implementing ASTM and other reputed international standards to carry tests on both ingoing and outgoing products; from base oils, to lubricating oil additives, to lubricants.

In 2015 we incorporated the R&D Centre under the legal and separate entity: Kimya Testing Laboratories (KTL). The company is under ISO 17025 Laboratory Competence Accreditation Process.



Why we recommend Oscar Lubricants

The transport industry is vital to modern society. Lubricants contribute by prolonging the life of vehicles by cleaning, cooling and protecting their engines.

During the last two decades, we have experienced an increase of engine performance, operating temperatures, fuel efficiency and environmental awareness. At the same time, we witnessed a demand of reduction in particle emission, friction, fuel consumption and operating cost.

Oscar Lubricants faces the challenge by delivering outstanding protection and engine life durability with a permanent respect of the environment. Our product portfolio is well designed to cover the increasing demand of modern vehicles.

Oscar Lubricants has consistently improved the performance of its passenger car and heavy duty lubricants through the development of our own unique type of synthetic base oil technology combined with innovative additive packages. We created a full range of lubricants that meet and exceed API performance levels, fulfill dedicated OEM approvals and answer the customer's needs.



Our Vision

Oscar Lubricants aims to play a key role in the Middle East in the development of high quality oil lubricant products portfolio with an adherence and respect to the green economy of the United Arab Emirates and the environment through employee training and the application of social and professional ethics.

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OSCAR[®]
The lubricant professionals



THE LUBRICANT
PROFESSIONALS[™]

NEW



**EXCLUSIVE
NANO
TECHNOLOGY
PROTECTION**

ALSO RECOMMENDED



FOR HYBRIDS



**GPF/DPF
PROTECTION**



**BIOFUEL
COMPATIBLE**



**LSPI
PROTECTION**



**LOW
EMISSION**



**FUEL
ECONOMY**

OSCAR Jade **PRO**

Oscar Jade Pro 0W20 is a very high performance, ultra-low viscosity fluid, fully synthetic LOW SAPS lubricant for gasoline and hybrid engines, including the ones complying with ACEA C5 standard. Oscar Jade Pro 0W20 is formulated to reduce pollutant emissions, such as HC, NOx, CO and particles and to protect and ensure longevity of post treatment anti-pollution systems, such as particulate filters (GPF, DPF) and three-way catalysts. Oscar Jade Pro also helps to lengthen the engine life thanks to its excellent resistance to temperature variations and permits an extra long oil change interval.

Specifications : ACEA C5; API SP and RC; API SN Plus and RC; ILSAC GF-6A & GF-5; BMW LL17FE+ (BMW LL14FE+ backward compatible); MB 229.71; VW 508.00/509.00; Porsche C20; RN17FE; Volvo VCC RBS0-2AE 0W-20; Opel Vauxhall OV 040 1547; Ford WSS-M2C947-B1; Ford WSS-M2C962-A1; Jaguar STJLR.03.5006-16; Jaguar STJLR.51.5122; Land Rover STJLR.51.5122; Fiat 9.55535-GSX; Chrysler MS-12145

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.837 |
| Viscosity @ 100°C, cSt | ASTM D445 | 8.1 |
| Viscosity @ 40°C, cSt | ASTM D445 | 40 |
| Viscosity Index | ASTM D2270 | 183 |
| Cold Crank Simulator, cP | ASTM D5293 | 6,200 @ -35 °C |
| HTHS Viscosity 150°C, mPa.s | — | 2.7 |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

NEW



**EXCLUSIVE
NANO
TECHNOLOGY
PROTECTION**

ALSO RECOMMENDED



FOR HYBRIDS



**LSPI
PROTECTION**



**BIOFUEL
COMPATIBLE**



**LONG
LIFE**



**FULLY
SYNTHETIC**



**FUEL
ECONOMY**

OSCAR Jade **ZERO**

Oscar Jade Zero 0W16 is a very high performance, ultra-low viscosity fluid, fully synthetic lubricant for gasoline and hybrid engines, including the ones complying with ILSAC GF-6B standard. Oscar Jade Zero 0W16 is formulated to help increase engine efficiency and improve fuel economy benefits, while providing outstanding overall engine protection.

This product meets or exceeds the requirements of the latest API and ILSAC industry specifications for petrol and hybrid engine oils, as well as the requirements of many major American engine manufacturers. Suitable for use in passenger cars.

Specifications : API SP and RC; API SN and RC; API SN Plus and RC; ILSAC GF-6B; GM dexos1™ Gen 2

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.838 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.2 |
| Cold Crank Simulator, cP | ASTM D5293 | 6,200 @ -35 °C |
| HTHS Viscosity 150°C, mPa.s | — | 2.7 |
| Pour Point, °C | ASTM D97 | -50 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



OSCAR Jade **GOLD PLUS**

Oscar Jade Gold OW40 is a fully synthetic engine oil for gasoline and diesel passenger's cars engines, particularly suitable for turbo compressed, multi-valve and direct injection diesel engines. Oscar Jade Gold can be used in the most difficult operating conditions (motorways, dense urban traffic...), and is appropriated for all driving types. It is perfectly suited to engines with catalytic converters and all engines using lead free fuel or LPG. Its fluidity reduces friction and therefore creates significant fuel savings and reduces CO2 emissions. Especially adapted to long oil change intervals.

SPECIFICATION

ACEA A3/B4; API SN PLUS; MB 229.3/229.5; BMW LL01; Porsche A40; VW 502.00/505.00; PSA B71 2296; Renault RN0700; Renault RN0710

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.847 |
| Viscosity @ 100°C, cSt | ASTM D445 | 13 |
| Viscosity @ 40°C, cSt | ASTM D445 | 75 |
| Viscosity Index | ASTM D2270 | 176 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,200 @ -35 °C |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



OSCAR Jade **GOLD PLUS**

Oscar Jade Gold 5W40 is a fully synthetic engine oil for gasoline and diesel passenger's cars engines, particularly suitable for turbo compressed, multi-valve and direct injection diesel engines. Oscar Jade Gold can be used in the most difficult operating conditions (motorways, dense urban traffic...), and is appropriated for all driving types. It is perfectly suited to engines with catalytic converters and all engines using lead free fuel or LPG. Its fluidity reduces friction and therefore creates significant fuel savings and reduces CO2 emissions. Especially adapted to long oil change intervals.

SPECIFICATION

ACEA A3/B4; API SN PLUS; MB 229.3/229.5; BMW LL01; Porsche A40; VW 502.00/505.00; PSA B71 2296; Renault RN0700; Renault RN0710

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.855 |
| Viscosity @ 100°C, cSt | ASTM D445 | 14.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 90 |
| Viscosity Index | ASTM D2270 | ≥170 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,600 @ -30 °C |
| Pour Point, °C | ASTM D97 | -39 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



OSCAR Jade **PERFO**

Oscar Jade Perfo is a fully synthetic engine oil for gasoline and diesel passenger's cars engines, particularly suitable for turbo compressed, multi-valve and direct injection diesel engines. Oscar Jade Perfo can be used in the most difficult operating conditions (motorways, dense urban traffic...), and is appropriated for all driving types. It is perfectly suited to engines with catalytic converters and all engines using lead free fuel or LPG. Its fluidity reduces friction and therefore creates significant fuel savings and reduces CO2 emissions. Especially adapted to long oil change intervals.

SPECIFICATION

API SN/CF, ACEA A3/B4; MB 229.5/226.5; BMW LL01, VW 502/505, 700/710, PSA B71 2296, Porsche A40

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.855 |
| Viscosity @ 100°C, cSt | ASTM D445 | 14.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 90 |
| Viscosity Index | ASTM D2270 | ≥172 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,600 @ -30°C |
| Pour Point, °C | ASTM D97 | -39 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

OSCAR LABELLING EXPLAINED

ACEA C2/C3

The Association des Constructeurs Européens d'Automobiles is in charge of oil performance and quality standards in the EU. C2/C3 is a common oil specification for petrol and diesel engines. Here's the full list:

- | | | |
|----------------------------|----------|--|
| PETROL | A | A1 Fuel economy petrol A2 Standard performance level A3 High performance and/or extended drain A5 Fuel economy petrol with extended drain capability |
| DIESEL | B | B1 Fuel economy petrol B2 Standard performance level B3 High performance and/or extended drain B4 Fuel economy petrol with extended drain capability B5 Fuel economy petrol with extended drain capability |
| PETROL & DIESEL | C | Diesel vehicles with diesel particulate filter (DPF) C1 Low SAPS (0.5% ash) fuel efficient C2 Mid SAPS (0.8% ash) fuel efficient, performance C3 Mid SAPS (0.8% ash) |
| DIESEL | E | Heavy - duty diesel E1 Non-turbo charged light duty diesel E2 Standard performance level E3 High performance and extended drain E5 High performance and extended drain including some API specs E6 Euro 4 engines - low SAPS (sulphated ash, phosphorous, sulphur) for vehicles with DPF E7 Euro 4 engines - exhaust after treatment / exhaust gas recirculation |

API SN

API stands for American Petroleum Institute, the body in charge of oil performance and quality standards in the US. Like the ACEA standards it includes specifications for both spark (S) petrol engines and compression (C) diesel engines. SN is the latest specification for petrol engines, introduced in 2010. Diesel classifications are more complex. The C3+ specification, introduced in 2006, is designed for modern emission control and particulate filter systems.

MANUFACTURERS OEM CODES

Some manufacturers quote OEM approval codes to help consumers buy oil of the right type and quality of their vehicle, notably German Makers BMW and VW. If your vehicle has an OEM approval code, look for it when you buy oils for example.

- BMW LL-04
- PSA B71 2132
- VWS01.01-505.00
- RENAULT RN0700
- FORD M2C917 - A



5W30

New engines are built with very fine manufacturing tolerances which demand a low-viscosity oil. These oils are often more expensive synthetic types.

Engine in older cars, or those with higher mileages, have lower operating tolerances and may benefit from a 'thicker' oil.

In order to protect the engine components when is car both hot and cold, engine oil has to meet viscosity specifications across a range of temperature. 'Viscosity' is the oil's 'pourability' or 'thickness'. This viscosity is measured and given an SAE 'grade'. Ordinary single-grade oil becomes so viscous (thick) at lower temperatures that it would take too long to reach moving parts in a cold engine and would not process easily through small gaps and oil ways. This is why all modern engine oils use VIs - Viscosity Enhancers - to improve their viscosity at lower temperatures. These 'multigrade' oils get a regular viscosity test at 100 degrees Centigrade, and a second low-temperature 'winter' (W) test. Multigrade oils quote the 'W' (winter) figure first and the higher-temperature figure seconds. The lower the 'W' number the 'runnier' the oil is at low temperatures and the better the protection it offers, the higher the second figure, the thicker the oil is at high temperatures, which can be good for older engines

MINERAL SYNTHETIC



Mineral oil sounds like it should be synthetic too (minerals aren't organic, after all), but the names comes from the way it's extracted from the earth like other mineral deposits. It's 'cruder' than synthetic oil, but also a lot cheaper to manufacture, and it can still provide perfectly adequate protection for less demanding engines

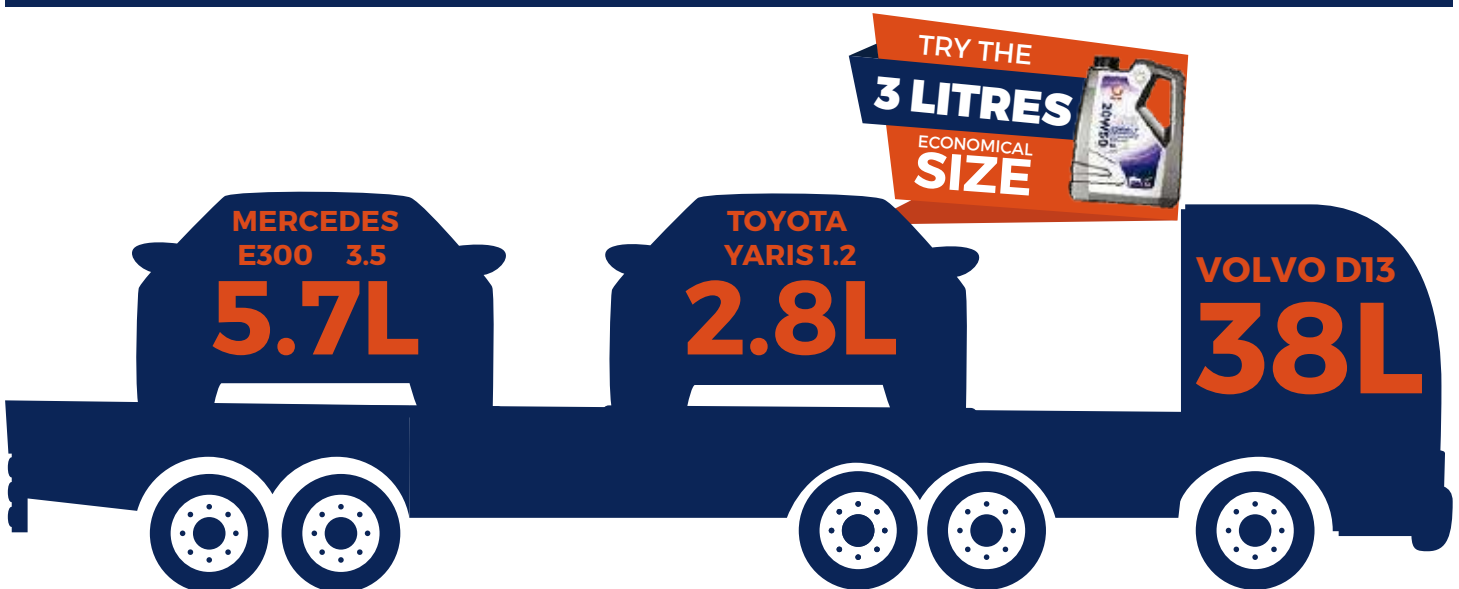
Synthetic motor oil is the pinnacle of engine lubrication for high performance vehicles. Despite the name, though, synthetic oil is still derived from the thick black stuff ejected by oil wells, the difference is that its molecular structure and properties are modified, refined and 'synthesised' using complex laboratory



SAE GRADES ARE SOMETIMES RELATED TO OUTSIDE TEMPERATURE



OIL SUMP CAPACITY FOR DIFFERENT VEHICLES IN LITRES



OSCAR JADE OPTIMUM

Oscar Jade Optimum 5W30 C2 C3 is a very high performance, fully synthetic MID SAPS lubricant for gasoline and diesel engines, including the ones complying with ACEA C2/C3 standard. Oscar Jade Optimum is formulated to reduce pollutant emissions, such as HC, NOx, CO and particles and to protect and ensure longevity of post treatment antipollution systems, such as particulate filters (GPF, DPF) and three-way catalysts. Oscar Jade Optimum also helps to lengthen the engine life thanks to its excellent resistance to temperature variations and permits an extra-long oil change interval.



SPECIFICATION

ACEA C2/C3 (A3/B4 backward compatible); API SN; API SN Plus; MB 229.31/229.51; BMW LL04; dexos 2; Porsche A40; Renault RN0700; Renault RN0710; VW 502.00/505.00; Fiat 9.55535-S2; Ford WSS-M2C917-A; PSA B71 2296

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.855 |
| Viscosity @ 100°C, cSt | ASTM D445 | 14.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 90 |
| Viscosity Index | ASTM D2270 | 170 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,600 @ -30 °C |
| HTHS Viscosity 150°C, mPa.s | — | 3.50 |
| Pour Point, °C | ASTM D97 | -39 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SPECIFICATION

ACEA C2/C3; API SN; API SN Plus; MB 229.31/229.51/229.52; BMW LL04; dexos 2; Renault RN0700; Renault RN0710; VW 504.00/507.00; Porsche C30; PSA B71 2390-2014; PSA B71 2312-2017; Fiat 9.55535-DS1; Fiat 9.55535-GS1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.846 |
| Viscosity @ 100°C, cSt | ASTM D445 | 12.2 |
| Viscosity @ 40°C, cSt | ASTM D445 | 67.8 |
| Viscosity Index | ASTM D2270 | 165 |
| Cold Crank Simulator, cP | ASTM D5293 | 6,200 @ -35 °C |
| HTHS Viscosity 150°C, mPa.s | — | 3.50 |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 250 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SPECIFICATION

ACEA C2/C3; API SN; API SN Plus; MB 229.31/229.51/229.52 (approval) ; BMW LL04; dexos 2; Renault RN0700; Renault RN0710; RN17 level; VW 504.00/507.00 (approval); Porsche C30; Fiat 9.55535-S3; Ford WSS-M2C917-A; PSA B71 2290; PSA B71 2297;

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.850 |
| Viscosity @ 100°C, cSt | ASTM D445 | 12.1 |
| Viscosity @ 40°C, cSt | ASTM D445 | 72.8 |
| Viscosity Index | ASTM D2270 | 164 |
| Cold Crank Simulator, cP | ASTM D5293 | 6,600 @ -30 °C |
| HTHS Viscosity 150°C, mPa.s | — | 3.58 |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 254 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

OSCAR JADE **GOLD PLUS**

Oscar Jade Gold Plus OW20 is a fully synthetic engine oil for gasoline passenger's cars engines, particularly suitable for turbo compressed, multi-valve and direct injection engines. Oscar Jade Gold Plus can be used in the most difficult operating conditions (motorways, dense urban traffic...), and is appropriated for all driving types. It is perfectly suited to engines with catalytic converters and all engines using lead free fuel or LPG. Its fluidity reduces friction and therefore creates significant fuel savings and reduces CO2 emissions. Especially adapted to long oil change intervals.



SPECIFICATION

API SP and RC; API SN and RC; API SN Plus and RC; ILSAC GF-5; ILSAC GF-6A; Ford WSS-M2C947-A; Ford WSSM2C947-B1; FORD WSS-M2C962-A1; GM 6094M; GM dexos™ Gen 2; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.850 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 40 |
| Viscosity Index | ASTM D2270 | 158 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,200 @ -35°C |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SPECIFICATION

API SP and RC; API SN and RC; API SN Plus and RC; ILSAC GF-5; ILSAC GF-6A; Ford WSS-M2C945-A; Ford WSSM2C945-B1; Ford WSS-M2C960-A1; Ford WSS-M2C930-A; GM 6094M; Chrysler MS-6395; GM dexos™ Gen 2; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.850 |
| Viscosity @ 100°C, cSt | ASTM D445 | 6.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 36 |
| Viscosity Index | ASTM D2270 | ≥140 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,200 @ -35 °C |
| Pour Point, °C | ASTM D97 | -36 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SPECIFICATION

API SP and RC; API SN and RC; API SN Plus and RC; API SN/CF; ILSAC GF-5; ILSAC GF-6A; GM dexos™ Gen 2; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.854 |
| Viscosity @ 100°C, cSt | ASTM D445 | 10.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 60 |
| Viscosity Index | ASTM D2270 | ≥150 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,600 @ -30 °C |
| Pour Point, °C | ASTM D97 | -36 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk





Jade Pur - 10W30

Oscar Jade Pur is a synthetic technology engine oil developed for the most recent requirement of gasoline passenger engines. It meets all current industry standard requirements of domestic car makers recommending API SN PLUS.

Features

Oscar Jade Pur can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) turbo-charged or naturally aspirated in cars.

SPECIFICATION

API SN PLUS; ACEA A3/B4

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.870 |
| Viscosity @ 100°C, cSt | ASTM D445 | 10.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 69 |
| Viscosity Index | ASTM D2270 | 143 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,200 @ -25 °C |
| Pour Point, °C | ASTM D97 | -33 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Jade Pur - 10W40

Oscar Jade Pur is a synthetic technology engine oil developed for the most recent requirement of gasoline passenger engines. It meets all current industry standard requirements of domestic car makers recommending API SN PLUS.

Features

Oscar Jade Pur can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) turbo-charged or naturally aspirated in cars.

SPECIFICATION

API SN PLUS; ACEA A3/B4

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.874 |
| Viscosity @ 100°C, cSt | ASTM D445 | 14.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 97 |
| Viscosity Index | ASTM D2270 | 160 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -25 °C |
| Pour Point, °C | ASTM D97 | -25 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 10 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Jade Cobalt - 10W30



Oscar Jade Cobalt is a premium multi grade motor oil formulated for passenger cars and light trucks engines requiring API performance level SL/CF under all operating conditions.

Oscar Jade Cobalt can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) and all diesel engines, turbocharged or naturally aspirated in cars and light vans.

SPECIFICATION

API SL / CF; ACEA A3/B4

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.870 |
| Viscosity @ 100°C, cSt | ASTM D445 | 11.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 76 |
| Viscosity Index | ASTM D2270 | 140 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -25 °C |
| Pour Point, °C | ASTM D97 | -30 |
| Flash Point, °C | ASTM D92 | 220 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 10 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Jade Cobalt - 10W40



Oscar Jade Cobalt is a premium multi grade motor oil formulated for passenger cars and light trucks engines requiring API performance level SL/CF under all operating conditions.

Oscar Jade Cobalt can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) and all diesel engines, turbocharged or naturally aspirated in cars and light vans.

SPECIFICATION

API SL / CF; ACEA A3/B4

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.874 |
| Viscosity @ 100°C, cSt | ASTM D445 | 14.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 97 |
| Viscosity Index | ASTM D2270 | 160 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -25 °C |
| Pour Point, °C | ASTM D97 | -25 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 10 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Jade Cobalt - 15W40



Oscar Jade Cobalt is a premium multi grade motor oil formulated for passenger cars and light trucks engines requiring API performance level SL/CF under all operating conditions.

Oscar Jade Cobalt can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) and all diesel engines, turbocharged or naturally aspirated in cars and light vans.

SPECIFICATION

API SL / CF; ACEA A3/B4

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.889 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.8 |
| Viscosity @ 40°C, cSt | ASTM D445 | 122 |
| Viscosity Index | ASTM D2270 | 135 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -20 °C |
| Pour Point, °C | ASTM D97 | -27 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 10 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Jade Cobalt - 20W50



Oscar Jade Cobalt is a premium multi grade motor oil formulated for passenger cars and light trucks engines requiring API performance level SL/CF under all operating conditions.

Oscar Jade Cobalt can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) and all diesel engines, turbocharged or naturally aspirated in cars and light vans.

SPECIFICATION

API SL / CF; ACEA A3/B4

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.890 |
| Viscosity @ 100°C, cSt | ASTM D445 | 18.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 160 |
| Viscosity Index | ASTM D2270 | 132 |
| Cold Crank Simulator, cP | ASTM D5293 | <9,500 @ -15 °C |
| Pour Point, °C | ASTM D97 | -27 |
| Flash Point, °C | ASTM D92 | 235 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 10 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk





Jade HD - 20W40 (Tuk Tuk)

Jade HD SAE 20W40 is a multi-functional mineral engine oil for older gasoline, diesel and LPG engines of passenger car and light vans with or without turbo compressor. Not suited for engines equipped with a Diesel Particle Filter (DPF).

Features

Oscar Jade HD SAE 20W40 can be used under the most difficult operating conditions (highways, congested city traffic, Tuk Tuk etc.) for every season. Formulated for gasoline and diesel engines used in city and suburban driving conditions.

SPECIFICATION

API SJ; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.885 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.3 |
| Viscosity @ 40°C, cSt | ASTM D445 | 136 |
| Viscosity Index | ASTM D2270 | 120 |
| Cold Crank Simulator, cP | ASTM D5293 | <9500 @ -15 °C |
| Pour Point, °C | ASTM D97 | -24 |
| Flash Point, °C | ASTM D92 | 220 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Jade HD - 20W50

Jade HD SAE 20W50 is a multi-functional mineral engine oil for older gasoline, diesel and LPG engines of passenger car and light vans with or without turbo compressor. Not suited for engines equipped with a Diesel Particle Filter (DPF).

Features

Oscar Jade HD SAE 20W50 can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Formulated for gasoline and diesel engines used in city and suburban driving conditions.

SPECIFICATION

API SJ; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.890 |
| Viscosity @ 100°C, cSt | ASTM D445 | 17.8 |
| Viscosity @ 40°C, cSt | ASTM D445 | 144 |
| Viscosity Index | ASTM D2270 | 136 |
| Cold Crank Simulator, cP | ASTM D5293 | <9,500 @ -15 °C |
| Pour Point, °C | ASTM D97 | -24 |
| Flash Point, °C | ASTM D92 | 220 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Jade HD - SAE 40

Jade HD SAE 40 is a multi-functional mono-grade mineral engine oil for older gasoline, diesel and LPG engines of passenger car and light vans with or without turbo compressor. Not suited for engines equipped with a Diesel Particle Filter (DPF).

Features

Jade HD SAE 40 can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Formulated for gasoline and diesel engines used in city and suburban driving conditions.

SPECIFICATION

API SJ; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.895 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.6 |
| Viscosity @ 40°C, cSt | ASTM D445 | 157.4 |
| Viscosity Index | ASTM D2270 | 95 |
| Pour Point, °C | ASTM D97 | -18 |
| Flash Point, °C | ASTM D92 | 235 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Jade HD - SAE 50

Jade HD SAE 50 is a multi-functional mono-grade mineral engine oil for older gasoline, diesel and LPG engines of passenger car and light vans with or without turbo compressor. Not suited for engines equipped with a Diesel Particle Filter (DPF).

Features

Jade HD SAE 50 can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Formulated for gasoline and diesel engines used in city and suburban driving conditions.

SPECIFICATION

API SJ; ACEA A1/B1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.898 |
| Viscosity @ 100°C, cSt | ASTM D445 | 20.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 204.3 |
| Viscosity Index | ASTM D2270 | 95 |
| Pour Point, °C | ASTM D97 | -15 |
| Flash Point, °C | ASTM D92 | 248 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



OSCAR PRODUCTS USE EXPLAINED

Engine Oil



Oscar Jade[®] Pro
SAE 0W20
API SP

Oscar Jade[®] Zero
SAE 0W16
API SP

Oscar Jade[®] Optimum
SAE 0W30, 5W30, 5W40
API SN PLUS

Oscar Jade[®] Gold
SAE 0W40, 5W40 / 5W30-0W20, 5W20
API SN PLUS / API SP

Oscar Jade[®] Pur
SAE 10W30-10W40
API SN PLUS

Oscar Jade[®] Cobalt
SAE 10W30-10W40-15W40-20W50
API SL/CF

Oscar Jade[®] HD
SAE 40-50-20W40-20W50
API SF/CF

ATF

Oscar ATF III
Fully Synthetic



Brake Fluid

Oscar Brake Fluid
DOT 3
DOT 4



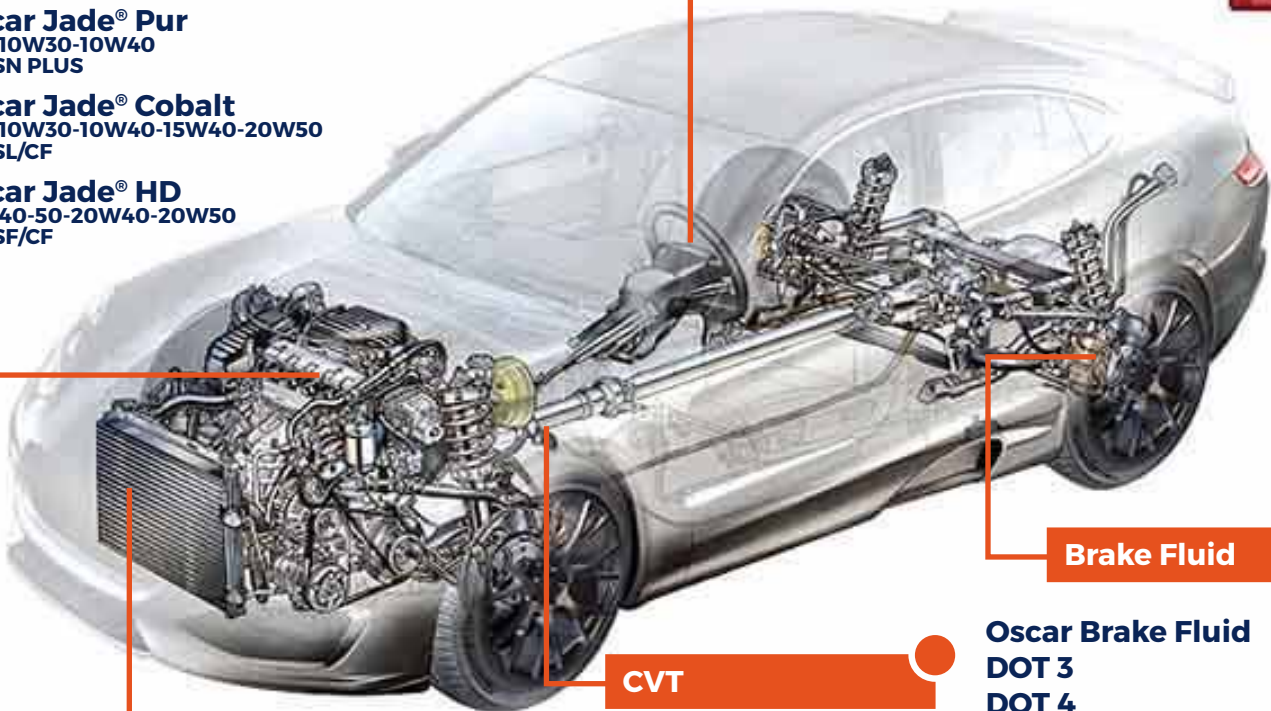
CVT

Oscar CVT
Fully Synthetic



Coolant

Oscar Coolcar[®] 50%
Oscar Coolcar[®] 33%





**TRUST THE
PROFESSIONALS**

FOR LATEST GENERATION ENGINES



OSCAR ZIRCON *NOVUS*

Oscar Zircon Novus SAE 10W30 CK-4 is an advanced fully synthetic heavy-duty diesel engine oil that helps extend engine life while providing long drain capability and potential fuel economy for modern diesel engines operating in severe applications. This product is formulated to deliver exceptional performance in modern and older hardworking engines. Oscar Zircon Novus is formulated to reduce pollutant emissions, such as HC, NOx, CO and particles and to protect and ensure longevity of post treatment anti-pollution systems, such as particulate filters (GPF, DPf) and three-way catalysts.

Oscar Zircon Novus CK-4 oils replace CJ-4 oils with the same viscosity grades and oil types (mineral/semisynthetic/full-synthetic) and are backwards compatible down to CF-4 oils.

This product meets or exceeds the requirements of the latest API and ACEA industry specifications for diesel engine oils, as well as the requirements of many major American, and European engine manufacturers.

Available in SAE viscosity grades : 5W30, 10W30, 10W40 and 15W40

Specifications : API CK-4/SN, CJ-4/CI-4; ACEA E6-12, E7-12, E9-12; MB 228.51, 228.31; MAN M3477, M3677; MTU Type 3.1; VOLVO VDS-4.5, VDS-4; Mack EO-O Premium Plus; Renault Trucks RLD-3; Cummins CES 20081, 20086; Caterpillar ECF-3; DEUTZ DQC III-IV LA; DDC 93K218, 93K222




EXTRA FUEL ECONOMY



OSCAR ZIRCON *NOVUS FE*

Oscar Zircon Novus FE 5W30 FA-4 is an advanced fully synthetic heavy-duty diesel engine oil. It is lower in viscosity grades to help maximize fuel economy without compromising durability for next generation engines.

This product meets or exceeds the requirements of the latest API and ACEA industry specifications for diesel engine oils, as well as the requirements of many major American, and European engine manufacturers. However, Oscar Zircon Novus FE FA-4 is limited in backwards compatibility. Designed to provide optimized fuel economy for 2017 engines and beyond that are designed to capitalize on these improvements.

Available in SAE viscosity grades : 5W30 and 10W30

Specifications : API FA-4 ; CES 20087 ; DDC 93K223



OSCAR ZIRCON *STARLIGHT XT*

Oscar Zircon Starlight XT SAE 10W40 is an extra high-performance diesel engine oil that helps extend engine life in the most severe on and off-highway applications while delivering outstanding performance in modern, highoutput, low-emission engines including those with Exhaust Gas Recirculation (EGR) and After-treatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs).

This product meets or exceeds the requirements of the latest API and ACEA industry specifications for diesel engine oils, as well as the requirements of many major American, and European engine manufacturers. Recommended for use in a wide range of heavy-duty applications and operating environments found in the on-road transport and offroad mining, forestry, construction, and agricultural industries.



SPECIFICATION

API CJ-4/CI-4+/CI-4, SN/CF; ACEA E9-08, E7-08; MB 228.31; MAN M3575; MTU Type 3.1, 2.1; Volvo VDS-4; Renault Trucks RLD-3; Cummins CES 20081; Caterpillar ECF-2, ECF-3; Deutz QDC III-10 LA

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.854 |
| Viscosity @ 100°C, cSt | ASTM D445 | 10.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 60 |
| Viscosity Index | ASTM D2270 | ≥150 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,600 @ -30 °C |
| Pour Point, °C | ASTM D97 | -36 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SPECIFICATION

API CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CF; API SM, SL, SJ, SH, SG, SF; ACEA E7/E9; Recommended for use in Caterpillar, Cummins, Detroit Diesel, Mack, Volvo, Scania, Renault, Iveco and many diesel engines.

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.854 |
| Viscosity @ 100°C, cSt | ASTM D445 | 10.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 60 |
| Viscosity Index | ASTM D2270 | ≥150 |
| Cold Crank Simulator, cP | ASTM D5293 | <6,600 @ -30°C |
| Pour Point, °C | ASTM D97 | -36 |
| Flash Point, °C | ASTM D92 | >230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 9 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Oscar Zircon Starlight is a high performance lubricant used in on-road diesel technology. Contains excellent viscosity stability in service, guaranteeing effective engine lubrication in severe conditions. Outstanding detergent, dispersant and anti-wear properties keep the engine clean and enable efficient control of soot, sludge and piston deposits.

It is recommended for Euro 3, and previous engines of most European and American manufacturers. It is also adapted to Euro 5 and previous engines of some manufacturers with appropriate oil drain intervals. Recommended for use in a wide range of heavy-duty applications and operating environments found in the on-road transport and off-road mining, forestry, construction and agricultural industries.



SPECIFICATION

ACEA E7-12 (2012); ACEA A3/B4-12 (2012); API CI-4; API CH-4; API CG-4; API CF-4; API CF; API SL; MB-Approval 228.3; MB-Approval 229.1; Volvo VDS-3; Renault Truck RLD-2; Mack EO-N; Mack EO-M Plus; MAN M 3275; Cummins CES 20076; Cummins CES 20077; Cummins CES 20078; CAT ECF-2; CAT ECF-1-a; MTU Type 2; Deutz DQC III-10 ;Detroit Diesel DDC 93K215; Global DHD-1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.866 |
| Viscosity @ 100°C, cSt | ASTM D445 | 13.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 89 |
| Viscosity Index | ASTM D2270 | 150 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -25°C |
| Pour Point, °C | ASTM D97 | -36 |
| Flash Point, °C | ASTM D92 | 225 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 15 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



SPECIFICATION

ACEA E7-12 (2012); ACEA A3/B4-12 (2012); API CI-4; API CH-4; API CG-4; API CF-4; API CF; API SL; MB-Approval 228.3; MB-Approval 229.1; Volvo VDS-3; Renault Truck RLD-2; Mack EO-N; Mack EO-M Plus; MAN M 3275; Cummins CES 20076; Cummins CES 20077; Cummins CES 20078; CAT ECF-2; CAT ECF-1-a; MTU Type 2; Deutz DQC III-10 ;Detroit Diesel DDC 93K215; Global DHD-1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.875 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.7 |
| Viscosity @ 40°C, cSt | ASTM D445 | 120 |
| Viscosity Index | ASTM D2270 | 140 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -20°C |
| Pour Point, °C | ASTM D97 | -34 |
| Flash Point, °C | ASTM D92 | 220 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 11 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk





Zircon XT

Oscar Zircon XT is a heavy duty mineral based diesel engine oil recommended for turbo-charged and non-turbocharged engines under normal conditions. Suitable for many heavy-duty engines. It meets all current industry standard requirements of major engine makers recommending API CH-4.

Features

Oscar Zircon XT can be used in older trucks and buses as well as for cost effective lubrication in off-highway applications such as agricultural tractors.

Oscar Zircon XT provides excellent protection against piston deposits controls engine wear, gives long engine life, maintains engine power and efficiency and lowers servicing costs.

SPECIFICATION

ACEA E7-12 (2012) API CI-4 API CH-4 API CG-4; API CF-4 API CF API SL MB-Approval 228.3; Volvo VDS-3 Renault Truck RLD-2 Mack EO-N Mack EO-M Plus; MAN M 3275 Cummins CES 20076 Cummins CES 20077 Cummins CES 20078; CAT ECF-1-a CAT ECF-2 MTU Type 2 Deutz DQC III-10; Detroit Diesel DDC 93K215 Global DHD-1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.846 |
| Viscosity @ 100°C, cSt | ASTM D445 | 12.1 |
| Viscosity @ 40°C, cSt | ASTM D445 | 72.8 |
| Viscosity Index | ASTM D2270 | 164 |
| Cold Crank Simulator, cP | ASTM D5293 | 6,600 @ -30 °C |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 254 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Zircon XT

Oscar Zircon XT is a heavy duty mineral based diesel engine oil recommended for turbo-charged and non-turbocharged engines under normal conditions. Suitable for many heavy-duty engines. It meets all current industry standard requirements of major engine makers recommending API CH-4.

Features

Oscar Zircon XT can be used in older trucks and buses as well as for cost effective lubrication in off-highway applications such as agricultural tractors.

Oscar Zircon XT provides excellent protection against piston deposits controls engine wear, gives long engine life, maintains engine power and efficiency and lowers servicing costs.

SPECIFICATION

ACEA E7-12 (2012) API CI-4 API CH-4 API CG-4; API CF-4 API CF API SL MB-Approval 228.3; Volvo VDS-3 Renault Truck RLD-2 Mack EO-N Mack EO-M Plus; MAN M 3275 Cummins CES 20076 Cummins CES 20077 Cummins CES 20078; CAT ECF-1-a CAT ECF-2 MTU Type 2 Deutz DQC III-10; Detroit Diesel DDC 93K215 Global DHD-1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.846 |
| Viscosity @ 100°C, cSt | ASTM D445 | 12.1 |
| Viscosity @ 40°C, cSt | ASTM D445 | 72.8 |
| Viscosity Index | ASTM D2270 | 164 |
| Cold Crank Simulator, cP | ASTM D5293 | 6,600 @ -30 °C |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 254 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk





Zircon HD

Oscar Zircon HD is a heavy duty diesel engine oil recommended for turbo-charged and non-turbo-charged engines under normal conditions. Suitable for many heavy duty engines. It meets all current industry standard requirements of major engine makers recommending API CF-4/SC, CF/SF.

Features

Oscar Zircon HD can be used in older trucks and buses as well as for cost effective lubrication in off-highway applications such as agricultural tractors. Zircon HD SAE 40/ 15W40 provides excellent protection against piston deposits controls engine wear, gives long engine life, maintains engine power and efficiency and lowers servicing costs.

SPECIFICATION

API CF-4, CF-2, CF; Recommended for use in Caterpillar, Cummins, Detroit Diesel, Mack, Volvo, Scania, Renault, Iveco and many diesel engines.

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.885 |
| Viscosity @ 100°C, cSt | ASTM D445 | 145 |
| Viscosity @ 40°C, cSt | ASTM D445 | 100 |
| Viscosity Index | ASTM D2270 | 135 |
| Cold Crank Simulator, cP | ASTM D5293 | <7,000 @ -30 °C |
| Pour Point, °C | ASTM D97 | -25 |
| Flash Point, °C | ASTM D92 | 220 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 13 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Zircon HD

Oscar Zircon HD is a heavy duty diesel engine oil recommended for turbo-charged and non-turbo-charged engines under normal conditions. Suitable for many heavy duty engines. It meets all current industry standard requirements of major engine makers recommending API CF-4/SC, CF/SF.

Features

Oscar Zircon HD can be used in older trucks and buses as well as for cost effective lubrication in off-highway applications such as agricultural tractors. Zircon HD SAE 40/ 15W40 provides excellent protection against piston deposits controls engine wear, gives long engine life, maintains engine power and efficiency and lowers servicing costs.

SPECIFICATION

API CF-4, CF-2, CF; Recommended for use in Caterpillar, Cummins, Detroit Diesel, Mack, Volvo, Scania, Renault, Iveco and many diesel engines.

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-----------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.885 |
| Viscosity @ 100°C, cSt | ASTM D445 | 19.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 165 |
| Viscosity Index | ASTM D2270 | 125 |
| Cold Crank Simulator, cP | ASTM D5293 | <9,500 @ -15 °C |
| Pour Point, °C | ASTM D97 | -25 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 12 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



OSCAR PRODUCTS USE EXPLAINED

Engine Oil



Oscar Zircon® Novus
SAE 5W30-10W30-10W40-15W40
API CK-4, CK-4/SN

Oscar Zircon® Starlight XT
SAE 0W40, 5W40 - 0W30, 5W30 - 0W20, 5W20
API CJ-4

Oscar Zircon® Starlight
SAE 10W30-10W40
API Ci-4, CI-4/SL

Oscar Zircon® XT
SAE 10W30-10W40-15W40-20W50
API CH-4, CH-4/SC

Oscar Zircon® HD
SAE 40-50-70-15W40-20W50
API CF-4, CF/SF

ATF

Oscar ATF III
Fully Synthetic



Grease

Oscar Pyrox
EP2
Oscar Pyrox
Complex EP2



Gear Oil

Oscar MTF
SAE 85W90-85W140
API GL-5



Coolant

Oscar Coolcar®
50%
Oscar Coolcar®
33%



OSCAR PRODUCTS USE EXPLAINED



Coolant

Oscar Coolcar®
50%
Oscar Coolcar®
33%



ATF

Oscar ATF III
Fully Synthetic



Engine Oil



Oscar Zircon® Novus
SAE 5W30-10W30-10W40-15W40
API CK-4, CK-4/SN

Oscar Zircon® Starlight XT
SAE 0W40, 5W40 - 0W30, 5W30 - 0W20, 5W20
API CJ-4

Oscar Zircon® Starlight
SAE 10W30-10W40
API Ci-4, Ci-4/SL

Oscar Zircon® XT
SAE 10W30-10W40-15W40-20W50
API CH-4, CH-4/SG

Oscar Zircon® HD
SAE 40-50-70-15W40-20W50
API CF-4, CF/SF



Grease

Oscar Pyrox
EP2
Oscar Pyrox
Complex EP2



Gear Oil

Oscar MTF
SAE 85W90-85W140
API GL-5



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The lubricant professionals



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OSCAR PRODUCTS USE EXPLAINED

Engine Oil



Oscar Jade[®] 4T Super
SAE 20W50-20W40-10W40
API SN JASO MA 2 - API SL JASO MA 2

Oscar Jade[®] 4T Eco
SAE 20W50-20W40
API SG JASO MA 1

Engine Oil



Oscar Jade[®] 4T Super Scooter
SAE 10W40
API SL JASO MB



Brake Fluid

Oscar Brake Fluid
DOT 3
DOT 4



Coolant

Oscar Coolcar[®]
33%



Gear Oil

Oscar MTF
SAE 80W90
API GL-5





Jade 4T Racing

Oscar Jade 4T Racing is a 100% synthetic 4-Stroke lubricant. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance.

Meets bike manufacturer specifications, especially BMW, KTM and MV AGUSTA which recommend SAE 5W40. Suitable for catalytic converters. Specifically designed for powerful and recent scooters and maxi-scooters fitted with 4 stroke engines, any engine displacement, with or without catalytic converters, with integrated gearbox and wet clutch.

SPECIFICATION

API SN / SM / SL / SJ / SH / SG; JASO MA / MA2

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.855 |
| Viscosity @ 100°C, cSt | ASTM D445 | 13.6 |
| Viscosity @ 40°C, cSt | ASTM D445 | 79.6 |
| Viscosity Index | ASTM D2270 | 175 |
| Pour Point, °C | ASTM D97 | -36 |
| Flash Point, °C | ASTM D92 | 226 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8.4 |

AVAILABLE PACKS

1L, 208L, Bulk



Jade 4T Endurance

Oscar Jade 4T Endurance is a 100% synthetic 4-Stroke lubricant. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance.

Meets bike manufacturer specifications, especially HUSQVARNA, KTM and MOTO GUZZI which recommend SAE 10W60. Suitable for catalytic converters. Specifically designed for powerful high performance bikes, sports bikes, street & road bikes, trails, off road bikes fitted with 4 stroke engines, any engine displacement, with or without catalytic converters, with integrated gearbox and wet clutch.

SPECIFICATION

API SN / SM / SL / SJ / SH / SG; JASO MA / MA2

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.860 |
| Viscosity @ 100°C, cSt | ASTM D445 | 24.0 |
| Viscosity @ 40°C, cSt | ASTM D445 | 156 |
| Viscosity Index | ASTM D2270 | 185 |
| Pour Point, °C | ASTM D97 | -33 |
| Flash Point, °C | ASTM D92 | 236 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 8.0 |

AVAILABLE PACKS

1L, 208L, Bulk





Jade 4T Super

Oscar Jade 4T Super SAE 10W40 is a fully synthetic 4-Stroke lubricant. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance.

Primarily intended for general use in all types of four-stroke motorcycles and engines, especially Hero, Yamaha and Honda with <150 cc engines. Suitable for catalytic converters.

SPECIFICATION

API SN / SM / SL / SJ / SH / SG ; JASO MA / MA2

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.871 |
| Viscosity @ 100°C, cSt | ASTM D445 | 13.82 |
| Viscosity @ 40°C, cSt | ASTM D445 | 89.9 |
| Viscosity Index | ASTM D2270 | 155 |
| Pour Point, °C | ASTM D97 | -33 |
| Flash Point, °C | ASTM D92 | 226 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 7.5 |

AVAILABLE PACKS

1L, 208L, Bulk



Jade 4T Super

Oscar Jade 4T Super is a synthetic technology 4-Stroke lubricant. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance.

Primarily intended for general use in all types of four-stroke motorcycles and engines, especially Hero, Yamaha and Honda with <150 cc engines. Suitable for catalytic converters.

SPECIFICATION

API SL / SJ / SH / SG ; JASO MA / MA2

TYPICAL PROPERTIES

| | | 20W40 | 20W50 |
|--------------------------------|------------|-------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.880 | 0.880 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.0 | 18.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 122 | 160 |
| Viscosity Index | ASTM D2270 | 126 | 126 |
| Pour Point, °C | ASTM D97 | -30 | -30 |
| Flash Point, °C | ASTM D92 | 230 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 7.5 | 7.5 |

AVAILABLE PACKS

1L, 208L, Bulk





Jade 4T Eco

Oscar Jade 4T Eco is a mineral motorcycle oil designed primarily for on-road, four-cycle bikes. Reinforced with extreme pressure additives for gearbox protection and improve gears life time.

Oscar Jade 4T Eco is designed primarily for on-road, four-cycle bikes. It also may be used in other types of on and offroad four-cycle motorcycles. Meets JASO MA1 specifications for optimal wet clutch performance. Also recommended for older big bore engines thumpers, twins, oil-air or liquid cooled engines.

SPECIFICATION

API SG: JASO MA / MA1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.880 |
| Viscosity @ 100°C, cSt | ASTM D445 | 14.0 |
| Viscosity @ 40°C, cSt | ASTM D445 | 100 |
| Viscosity Index | ASTM D2270 | 142 |
| Pour Point, °C | ASTM D97 | -30 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 7.0 |

AVAILABLE PACKS

1L, 208L, Bulk

Jade 4T Eco

Oscar Jade 4T Eco is a mineral motorcycle oil designed primarily for on-road, four-cycle bikes. Reinforced with extreme pressure additives for gearbox protection and improve gears life time.

Oscar Jade 4T Eco is designed primarily for on-road, four-cycle bikes. It also may be used in other types of on and offroad four-cycle motorcycles. Meets JASO MA1 specifications for optimal wet clutch performance. Also recommended for older big bore engines thumpers, twins, oil-air or liquid cooled engines.

SPECIFICATION

API SG: JASO MA / MA1

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.880 |
| Viscosity @ 100°C, cSt | ASTM D445 | 18.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 160 |
| Viscosity Index | ASTM D2270 | 126 |
| Pour Point, °C | ASTM D97 | -25 |
| Flash Point, °C | ASTM D92 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 7.0 |

AVAILABLE PACKS

1L, 208L, Bulk



JADE-4T



4T Super Scooter

Oscar Jade 4T Super Scooter SAE 10W40 is a fully synthetic motorcycle oil specially designed to meet today's 4Stroke scooter specifications where JASO MB specification is required. JASO MB lubricant ensures optimal engine performance and fuel economy on all scooters without wet clutch.

For scooters without wet clutch and where JASO MB specification is required

SPECIFICATION

API SL / SJ / SH / SG; JASO MB

TYPICAL PROPERTIES

| | | 10W30 | 10W40 |
|------------------------|------------|-------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.870 | 0.870 |
| Viscosity @ 100°C, cSt | ASTM D445 | 10.50 | 13.80 |
| Viscosity @ 40°C, cSt | ASTM D445 | 69.0 | 90.0 |
| Viscosity Index | ASTM D2270 | 143 | 155 |
| Pour Point, °C | ASTM D97 | -30 | -30 |
| Flash Point, °C | ASTM D92 | 230 | 225 |

AVAILABLE PACKS

1L, 208L, Bulk



4T Eco Scooter

Oscar 4T Scooter Eco is a mineral motorcycle oil specially designed to meet today's 4-Stroke scooter specifications where a 20W40/50 viscosity grade and the JASO MB specification are required. JASO MB lubricant ensures optimal engine performance and fuel economy on all scooters without wet clutch. Suitable for old motorcycles.

SPECIFICATION

API SL / SJ / SH / SG; JASO MB

TYPICAL PROPERTIES

| | | 20W40 | 20W50 |
|--------------------------------|------------|-------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.880 | 0.880 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.0 | 18.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 122 | 160 |
| Viscosity Index | ASTM D2270 | 126 | 126 |
| Pour Point, °C | ASTM D97 | -25 | -25 |
| Flash Point, °C | ASTM D92 | 230 | 230 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 7.0 | 7.0 |

AVAILABLE PACKS

1L, 208L, Bulk



JADE-2T



Jade 2T

Oscar Jade 2T SAE 30 is a lubricant for 2-Stroke scooter engines with premix or injector lube system, operating at high rpm. Reinforced with synthetic base stocks for outstanding oil film resistance and anti-wear protection. Minimizes smoke and deposits.

For use in motorcycles, snowmobiles and lean oil/fuel ratio chain saws.

SPECIFICATION

API TC; JASO FC

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.859 |
| Viscosity @ 100°C, cSt | ASTM D445 | 8.8 |
| Viscosity @ 40°C, cSt | ASTM D445 | 53.8 |
| Viscosity Index | ASTM D2270 | 140 |
| Pour Point, °C | ASTM D97 | -39 |
| Flash Point, °C | ASTM D92 | 245 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 1.5 |

AVAILABLE PACKS

1L, 208L, Bulk



Jade 2T Outboard

Oscar Jade 2T Outboard TC-W3 is a high quality two stroke engine lubricant that delivers excellent performance in water-cooled and air-cooled applications. It is formulated to provide excellent lubrication and deposit control in a wide range of applications.

Recommended for use in two-stroke engines where TC-W3 or earlier general-purpose lubricants are recommended. These applications include outboard engines, motorcycles, lawn mowers, scooters, golf carts, chainsaws, and other two-stroke powered equipment.

SPECIFICATION

API TC for gasoline engines air cooled 2 strokes (20 to 500 c.c.).
NMMA TC-W3 for gasoline engines water cooled 2 strokes

TYPICAL PROPERTIES

| | | |
|--------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.876 |
| Viscosity @ 100°C, cSt | ASTM D445 | 8.1 |
| Viscosity @ 40°C, cSt | ASTM D445 | 47.9 |
| Viscosity Index | ASTM D2270 | 142 |
| Pour Point, °C | ASTM D97 | -44 |
| Flash Point, °C | ASTM D92 | 171 |
| Total Base Number (TBN), KOH/g | ASTM D2896 | 10.2 |

AVAILABLE PACKS

1L, 208L, Bulk



ATF - VI

Oscar ATF-VI is a high performance, fully synthetic automatic transmission fluid that meets or exceeds the stringent requirements of DEXRON-VI specification and provides warranty protection for 2006 and newer General Motor's vehicles. It also provides improved performance in older vehicles, wherever DEXRON is specified.

SPECIFICATION

Meets the requirements of ATF (Automatic Transmission Fluid) General Motors' DEXRON-VI

TYPICAL PROPERTIES

| | | |
|-----------------------------------|------------|--------|
| Density @ 15°C, kg/l | ASTM D1298 | - |
| Viscosity @ 100°C, cSt | ASTM D445 | 5.83 |
| Viscosity @ 40°C, cSt | ASTM D445 | 29 |
| Viscosity Index | ASTM D2270 | 145 |
| Brookfield Viscosity @ -40 °C, cP | ASTM D2983 | 11,500 |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 220 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



ATF III

Oscar ATF III is a 100% synthetic blend multipurpose transmission fluid for use in automatic gear boxes post 2005, where Dexron III is quoted. Also suitable for certain power steering systems, torque converters, change-gearboxes, fluid clutches and non-complicated hydraulic systems. Oscar ATF III has a sophisticated combination of high quality synthetic base oils and viscosity index improve, anti-oxidant, anti-wear, detergent, and friction modifying additives.

Used in automatic transmissions and manual transmissions, in torque converters and numerous power steering systems in accordance with the specifications of the manufacturer.

SPECIFICATION

GM DEXRON III H, Ford Mercon, Allison C-4

TYPICAL PROPERTIES

| | | |
|-------------------------------|------------|-----------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.84-0.87 |
| Color | ASTM D1500 | Red |
| Viscosity @ 100°C, cSt | ASTM D445 | 6.7 |
| Viscosity @ 40°C, cSt | ASTM D445 | 30 |
| Viscosity Index | ASTM D2270 | 185 |
| Flash Point, °C | ASTM D92 | 220 |
| Pour Point, °C | ASTM D97 | -50 |
| Fire Point °C | ASTM D92 | Min 185 |
| Brookfield viscosity @ -10 °C | ASTM D2983 | 700 |
| Brookfield viscosity @ -20 °C | ASTM D2983 | 2,500 |
| Brookfield viscosity @ -30 °C | ASTM D2983 | 6,900 |
| Copper Strip Corrosion | ASTM D130 | 1b |
| Foaming | ASTM D892 | 0/0/0 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



ATF II-D

Oscar ATF II - D is multipurpose automatic transmission fluid for use in automatic gear boxes and power steering systems of vehicles where Dexron II D is recommended.

For most passenger cars, forklift trucks and buses of European, American or Japanese origin. It is also suitable for certain power steering systems, torque converters, change-gearboxes, fluid clutches and non-complicated hydraulic systems.

SPECIFICATION

GM DEXRON II D, Allison C-4, Ford WSS-M2C166-H, MAN Type Z1/V1, MB 236.1

TYPICAL PROPERTIES

| | | |
|-----------------------------------|------------|---------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.870 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.0 |
| Viscosity @ 40°C, cSt | ASTM D445 | 37 |
| Viscosity Index | ASTM D2270 | ≥160 |
| Brookfield Viscosity @ -40 °C, cP | ASTM D2983 | <50,000 |
| Pour Point, °C | ASTM D97 | -44 |
| Flash Point, °C | ASTM D92 | 210 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



ATF TYPE A

Oscar ATF Type A is multipurpose automatic transmission fluid for use in automatic gear boxes and power steering systems of vehicles where Type A suffix A is recommended.

Automatic transmissions in certain older cars and for the makeup and refill in power steering systems.

SPECIFICATION

Meets the requirements of ATF (Automatic Transmission Fluid) Meets the requirements of General Motor's Type A Suffix A

TYPICAL PROPERTIES

| | | |
|-----------------------------------|------------|---------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.863 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 35.2 |
| Viscosity Index | ASTM D2270 | ≥ 160 |
| Brookfield Viscosity @ -40 °C, cP | ASTM D2983 | <50,000 |
| Pour Point, °C | ASTM D97 | -42 |
| Flash Point, °C | ASTM D92 | >185 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



ATF WS

Oscar ATF WS is a special synthetic hydraulic liquid for Toyota transmissions with the control of speeds slide.

Thoroughly selected additives and synthetic components provide the best friction properties when gear changing, perfect low-temperature properties, high anti-oxidative and chemical stability during the whole operation cycle.

For most of the 5- and 6-stepped automatic transmissions used in Toyota cars since 2005.

SPECIFICATION

AISIN WARNER; BMW 4 and 5 speed European; CHRYSLER ATF +3/4; MAN 339; Type Z-1; MB 4 and speed European; TOYOTA T-III/T-IV/WS Lifetime; VOITH ATs 55.6335; VW 4 and 5 speed European

TYPICAL PROPERTIES

| | | |
|----------------------------------|------------|--------|
| Density @ 15°C, kg/l | ASTM D1298 | 846 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7,05 |
| Viscosity @ 40°C, cSt | ASTM D445 | 34,5 |
| Viscosity Index | ASTM D2270 | 172 |
| Brookfield Viscosity @ -40 °C cP | ASTM D2983 | 13,100 |
| Pour Point, °C | ASTM D97 | -45 |
| Flash Point, °C | ASTM D92 | 216 |

AVAILABLE PACKS

1L, 208L, Bulk



CVT

Oscar CVT is a high-performance transmission oil formulated with selected base stocks and special recommended for use in latest generations of Continuously Variable Automatic Transmissions (CVT) which transfer traction via steel-made traction chains or belts is specifically formulated for today's technologically sophisticated variable transmissions. It is formulated with premium synthetic base stocks, long-life friction modifiers, special anti-wear additives, and shear stable viscosity modifiers.

Recommended for use in most belt and chain-driven continuously variable transmissions and will not void new car warranties. Not recommended for Hybrid CVT units (Toyota and Ford).

SPECIFICATION

BMW Mini Cooper EZL 799; Dodge/Jeep NS-2, CVTF-4; Ford CVT23, CVT30/Motorcraft XT-7-QCFT, Mercon C; GM/Saturn DEX-CVT; Honda HMMF, HCF-2; Hyundai/Kia CVT applications (SP-CVT 1); Mazda CVTF 3320; Mercedes Benz 23620; Mitsubishi CVTF-J1, CVTF-J4; Nissan NS-2, NS-3; Shell Green IV/Subaru Lineartronic CVTF (P/N K0425Y0710), CV-30, High Torque CVTF, e-CVTF; Suzuki TC, NS-2, CVTF 3320, CVT Green 1, CVT Green 2; Toyota TC, FE; Volkswagen/Audi TL 52180, G 052 180, G 052 516.

TYPICAL PROPERTIES

| | | |
|----------------------------------|------------|--------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.848 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 34 |
| Viscosity Index | ASTM D2270 | 175 |
| Brookfield Viscosity @ -40 °C cP | ASTM D2983 | 12.000 |
| Pour Point, °C | ASTM D97 | -42 |
| Flash Point, °C | ASTM D92 | 210 |

AVAILABLE PACKS

1L, 208L, Bulk



DCT

Oscar DCT is Dual Clutch Transmission (DCT) Fluid for the new generation of dual clutch gear transmissions. Oscar ATF DCT is formulated with high quality base oil and special additives for safe operations.

SPECIFICATION

Audi, Seat, Skoda, Volkswagen (VW TL 052 182; VW TL 052 529), BMW 1, 3, 5, 6 series, Z4, X1 (BMW DCTF-1), Peugeot/Citroen 9734.S2, Ferrari TF DCT-F3, Fiat BOT 341, Ford/Nissan M2C936A (BOT 341), Mercedes-Benz A-Class, B-Class (MB 236.21; MB 236.25), Mitsubishi MZ320065 Dia-Queen SSTF-I, Porsche (ZF) Boxster, Cayman, 911, Panamera, Renault Getrag (BOT 450), Volvo C30, S40, S60, V40, V50, V60, V70 S80, XC30, XC60 (1161838 1161839)

TYPICAL PROPERTIES

| | | |
|------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.852 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.5 |
| Viscosity @ 40°C, cSt | ASTM D445 | 36.3 |
| Viscosity Index | ASTM D2270 | 170 |
| Pour Point, °C | ASTM D92 | -40 |
| Flash Point, °C | ASTM D2896 | 190 |

AVAILABLE PACKS

1L, 208L, Bulk

MANUAL TRANSMISSION FLUID



MTF 50 TO-4

Oscar MTF SAE 50 TO-4 is an extra high performance, heavy duty transmission and drive-train lubricants engineered to meet or exceed the requirements of the rigorous Caterpillar TO-4 specification. This product line is uniquely designed to optimize the performance of powershift transmissions, gearboxes, and final drives. In hydraulic applications, they provide maximum protection even in high pressure systems

SPECIFICATION

Caterpillar TO-4

TYPICAL PROPERTIES

| | | |
|------------------------|------------|------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.90 |
| Viscosity @ 100°C, cSt | ASTM D445 | 18.0 |
| Viscosity @ 40°C, cSt | ASTM D445 | 195 |
| Viscosity Index | ASTM D2270 | 100 |
| Pour Point, °C | ASTM D97 | -16 |
| Flash Point, °C | ASTM D92 | 245 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



MTF 90 /140

Oscar MTF SAE 140 is a high-performance, high-pressure gear oil manufactured from high quality mineral base oils and multifunctional "extreme pressure" additives.

Features

Oscar MTF SAE 140 is used in powered transmission and axle drives for cars, highway light and heavy duty trucks, busses, and vans where an API GL-5 is required.

SPECIFICATION

SAE 90 /140; API GL-5; API GL-4

TYPICAL PROPERTIES

| | | 90 | 140 |
|------------------------|------------|-------|-------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.890 | 0.890 |
| Viscosity @ 100°C, cSt | ASTM D445 | 20.0 | 29.6 |
| Viscosity @ 40°C, cSt | ASTM D445 | 229 | 443 |
| Viscosity Index | ASTM D2270 | 101 | 95 |
| Pour Point, °C | ASTM D97 | -18 | -12 |
| Flash Point, °C | ASTM D92 | 210 | 230 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



MTF 85W - 90 /140

Oscar MTF SAE 85W90 is a high-performance multigrade, high-pressure gear oil manufactured from high quality mineral base oils and multifunctional "extreme pressure" additives.

Features

Oscar MTF SAE 85W90 provides excellent low temperature fluidity for safe lubrication during very low temperature transmission and transaxle startup, and also maintains a thick protective oil film during extremely hot operating conditions. Oscar MTF SAE 85W90 is used in powered transmission and axle drives for cars, highway light and heavy duty trucks, busses, and vans where an API GL-5 is required.

SPECIFICATION

SAE 85W- 90 /140; API GL-5; API GL-4

TYPICAL PROPERTIES

| | | 85W90 | 85W140 |
|------------------------|------------|-------|--------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.900 | 0.910 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.0 | 27.8 |
| Viscosity @ 40°C, cSt | ASTM D445 | 144 | 369 |
| Viscosity Index | ASTM D2270 | 105 | 100 |
| Pour Point, °C | ASTM D97 | -30 | -18 |
| Flash Point, °C | ASTM D92 | 210 | 210 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



MTF 75W - 90 /140

Oscar MTF SAE 75W90 is a high-performance multigrade, high-pressure gear oil manufactured from high quality mineral base oils and multifunctional "extreme pressure" additives.

Features

Oscar MTF SAE 75W90 / 75W140 GL-5 is used in powered transmission and axle drives for cars, highway light and heavy duty trucks, busses, and vans where an API GL-5 is required.

SPECIFICATION

SAE 75W- 90 /140; API GL-5; API GL-4

TYPICAL PROPERTIES

| | | 75W90 | 75W140 |
|------------------------|------------|-------|--------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.860 | 0.872 |
| Viscosity @ 100°C, cSt | ASTM D445 | 15.7 | 24.4 |
| Viscosity @ 40°C, cSt | ASTM D445 | 115 | 170 |
| Viscosity Index | ASTM D2270 | 144 | 175 |
| Pour Point, °C | ASTM D97 | -45 | -48 |
| Flash Point, °C | ASTM D92 | 210 | 207 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk





CoolCar 100%

Oscar CoolCar 100% Concentrate is a concentrate automotive radiator fluid composed of demineralized water, ethylene glycol and an advanced blend of balanced corrosion inhibitors. It's designed to protect the cooling systems of water-cooled petrol engines.

Features

The majority of passenger cars' and light diesel vehicles' radiators can use Oscar CoolCar Coolant. Oscar CoolCar is a full mono ethylene glycol based coolant for a liquid cooled crankcase system. It contains anti-corrosion and anti-rust additives. It is harmless to rubber and does not foam or clog radiators. It must be mixed with water to a concentration of 33%, 40% & 50%. NEVER used more than 50%.

SPECIFICATION

ASTM D 3306; ASTM D 4656; ASTM D 4985; ASTM D 5345; SAE J814C; SAE J1038; SAE J1941; SAE J1034; GM 1899M; GM 6043M; GM 1825M; Ford ESE-M97B44-A; Ford ESE-M97B18-C; Chrysler MS-7170; Freightliner 48-22880; Cummins 90T8-4; Waukesha 4-19470; White (GMC Div. Of Volvo); John Deere 8650-5; Case Corp. MS1710; Navistar BI (B6-008GO); Cummins 3666132; Detroit Diesel 7SE298; Ford New Holland 9-86; John Deere H-5; Mack Truck 014CS17004; ATA RP 302A

TYPICAL PROPERTIES

| | | |
|---------------------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1122 | 1.132 |
| Boiling Point, °C | ASTM D1120 | 163 |
| Reserve alkalinity, ml 0.1 N HC | ASTM D1121 | 17 |
| Viscosity Index | ASTM D1287 | 7.8 |
| Cold Crank Simulator, cPs | ASTM D1177 | ≤ -36 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



CoolCar 50%

Antifreeze/Coolant, 50% pre-mixed ready for use. Ethylene glycol based. For use in all makes and models of cars, both automotive engines and heavy-duty diesel engines. It's designed to protect the cooling systems of water-cooled petrol engines.

Features

The majority of passenger cars' and light diesel vehicles' radiators can use Oscar CoolCar Coolant. Oscar CoolCar is a full mono ethylene glycol based coolant for a liquid cooled crankcase system. It contains anti-corrosion and anti-rust additives. It is harmless to rubber and does not foam or clog radiators.

SPECIFICATION

ASTM D 3306; ASTM D 4656; ASTM D 4985; ASTM D 5345; SAE J814C; SAE J1038; SAE J1941; SAE J1034; GM 1899M; GM 6043M; GM 1825M; Ford ESE-M97B44-A; Ford ESE-M97B18-C; Chrysler MS-7170; Freightliner 48-22880; Cummins 90T8-4; Waukesha 4-19470; White (GMC Div. Of Volvo); John Deere 8650-5; Case Corp. MS1710; Navistar BI (B6-008GO); Cummins 3666132; Detroit Diesel 7SE298; Ford New Holland 9-86; John Deere H-5; Mack Truck 014CS17004; ATA RP 302A

TYPICAL PROPERTIES

| | | |
|----------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1122 | 1.060 |
| Boiling point °C | ASTM D1120 | 107 |
| Freezing point °C | ASTM D1177 | -36 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



CoolCar 30%

Antifreeze/Coolant, 30% pre-mixed ready for use. Ethylene glycol based. For use in all makes and models of cars, both automotive engines and heavy-duty diesel engines. It's designed to protect the cooling systems of water-cooled petrol engines.

Features

The majority of passenger cars' and light diesel vehicles' radiators can use Oscar CoolCar Coolant. Oscar CoolCar is a full mono ethylene glycol based coolant for a liquid cooled crankcase system. It contains anti-corrosion and anti-rust additives. It is harmless to rubber and does not foam or clog radiators.

SPECIFICATION

ASTM D 3306; ASTM D 4656; ASTM D 4985; ASTM D 5345; SAE J814C; SAE J1038; SAE J1941; SAE J1034; GM 1899M; GM 6043M; GM 1825M; Ford ESE-M97B44-A; Ford ESE-M97B18-C; Chrysler MS-7170; Freightliner 48-22880; Cummins 90T8-4; Waukesha 4-19470; White (GMC Div. Of Volvo); John Deere 8650-5; Case Corp. MS1710; Navistar BI (B6-008GO); Cummins 3666132; Detroit Diesel 7SE298; Ford New Holland 9-86; John Deere H-5; Mack Truck 014CS17004; ATA RP 302A

TYPICAL PROPERTIES

| | | |
|----------------------|------------|-------|
| Density @ 15°C, kg/l | ASTM D1122 | 1.050 |
| Boiling point °C | ASTM D1120 | 107 |
| Freezing point °C | ASTM D1177 | -17 |

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



BRAKE FLUID



Brake Fluid Dot 5.1

Hydraulic fluid recommended for brake circuits in all vehicles using synthetic fluids where DOT 5.1 level is required and especially for vehicles operating in very severe conditions. It is used in competition. Miscible with other synthetic fluids of chemical type such as DOT 3, DOT 4 and DOT 5.1. Not miscible with mineral base fluids of LHM type and fluids of DOT 5.1 type with silicon.

Features

Designed for vehicles fitted with modern braking and ABS systems. For superior braking in extreme conditions. Compatible with all brake systems requiring DOT 5.1 brake fluids.

SPECIFICATION

SAE J 1704; FMVSS 116 DOT 5.1; ISO 4925

TYPICAL PROPERTIES

| | |
|--|---------|
| FMVSS Grade | DOT 5.1 |
| Color | Amber |
| Density @ 15 °C | |
| pH | ≥ 160 |
| Kinematic Viscosity @ 100 °C, cSt | 1.5 |
| Equilibrium Reflux Boiling Point, °C | 260 |
| Wet Equilibrium Reflux Boiling Point, °C | |
| Pour Point, °C | |

AVAILABLE PACKS

250mL, 500mL, 208L, Bulk



Brake Fluid Dot 4

Oscar Brake Fluid DOT 4 is a heavy-duty synthetic brake fluid, contains antioxidant, metal deactivator and corrosion inhibitor to ensure long service life of brake fluid and brake components. Due to high boiling point, it does not give vapour lock problems in high temperature working conditions.

Features

It has excellent low temperature properties and recommended for all conventional drum and disc brake systems. Oscar Brake Fluid DOT 4 can also be used in Hydraulic clutch release systems.

SPECIFICATION

FMVSS No. 116 DOT 4; SAE J1703

TYPICAL PROPERTIES

| | |
|--|-------|
| FMVSS Grade | DOT 4 |
| Color | Amber |
| Density @ 15 °C | 1.060 |
| pH | 9.0 |
| Kinematic Viscosity @ 100 °C, cSt | 2.2 |
| Equilibrium Reflux Boiling Point, °C | 260 |
| Wet Equilibrium Reflux Boiling Point, °C | 148 |
| Pour Point, °C | > -50 |

AVAILABLE PACKS

250mL, 500mL, 208L, Bulk



Brake Fluid Dot 3

Oscar Brake Fluid DOT 3 is a heavy-duty synthetic brake fluid, contains antioxidant, metal deactivator and corrosion inhibitor to ensure long service life of brake fluid and brake components. Due to high boiling point, it does not give vapour lock problems in high temperature working conditions.

Features

It has excellent low temperature properties and recommended for all conventional drum and disc brake systems. Oscar Brake Fluid DOT 3 can also be used in Hydraulic clutch release systems.

SPECIFICATION

FMVSS No. 116 DOT 3; SAE J1703

TYPICAL PROPERTIES

| | |
|--|--------|
| FMVSS Grade | DOT 3 |
| Color | Amber |
| Density @ 15 °C | 1.0923 |
| pH | 9.0 |
| Kinematic Viscosity @ 100 °C, cSt | 2.2 |
| Equilibrium Reflux Boiling Point, °C | 240 |
| Wet Equilibrium Reflux Boiling Point, °C | 148 |
| Pour Point, °C | > -50 |

AVAILABLE PACKS

250mL, 500mL, 208L, Bulk





Pyrox 2

OSCAR PYROX 2 is a multipurpose grease for general lubrication under normal operating conditions and loads, formulated for lubrication of all kinds of universal applications in transport, agriculture and off-road equipment, operating in wet, dusty and/or dry conditions. Lubrication of all kinds of bearings and joints when the temperature and loading conditions are normal. Suitable for passenger car, light truck and leisure vehicle applications.

SPECIFICATION

ISO 6743-9: L-XBCEA 2; DIN 51502: K2K-25

TYPICAL PROPERTIES

| Soap/Thickener | | Lithium |
|--|---------------------|--------------|
| NLGI Grade | ASTM D217 | 2 |
| Color | Visual | Glazy Yellow |
| Appearance | Visual | Smooth |
| Operating Temperature range, °C | - | -25 to 120 |
| Penetration @ 25°C, 0.1 mm | ASTM D217 | 265 - 295 |
| Dropping point, °C | IP 396/DIN ISO 2176 | ≥185 |
| Kinematic viscosity of the base oil @ 40°C, mm ² /s | ASTM D445 | 150 |

AVAILABLE PACKS

0.5 KG, 1 KG, 3 KG, 15 KG, 175 KG



Pyrox 3

OSCAR PYROX 3 is a multipurpose grease for general lubrication under normal operating conditions and loads, formulated for lubrication of all kinds of universal applications in transport, agriculture and off-road equipment, operating in wet, dusty and/or dry conditions. Lubrication of all kinds of bearings and joints when the temperature and loading conditions are normal. Suitable for passenger car, light truck and leisure vehicle applications.

SPECIFICATION

ISO 6743-9: L-XBCEA 3; DIN 51502: K3K-20

TYPICAL PROPERTIES

| Soap/Thickener | | Lithium |
|--|---------------------|--------------|
| NLGI Grade | ASTM D217 | 3 |
| Color | Visual | Glazy Yellow |
| Appearance | Visual | Smooth |
| Operating Temperature range, °C | - | -25 to 120 |
| Penetration @ 25°C, 0.1 mm | ASTM D217 | 220 - 250 |
| Dropping point, °C | IP 396/DIN ISO 2176 | ≥185 |
| Kinematic viscosity of the base oil @ 40°C, mm ² /s | ASTM D445 | 150 |

AVAILABLE PACKS

0.5 KG, 1 KG, 3 KG, 15 KG, 175 KG



Pyrox Complex EP 2

OSCAR PYROX COMPLEX EP 2 is designed for the lubrication various applications in all types of operating conditions, but particularly where the operation temperature is high and the use of conventional lithium greases is limited. OSCAR PYROX COMPLEX EP 2 is a true multipurpose grease, formulated for lubrication of roller-bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off-road vehicles. Suitable as general-purpose grease for industrial applications requiring a NLGI 2 grade Extreme Pressure grease, resistant to elevated temperatures.

SPECIFICATION

ISO 6743-9: L-XBEHB 2; DIN 51502: KP2P-20

TYPICAL PROPERTIES

| Soap/Thickener | | Lithium Complex |
|--|---------------------|-----------------|
| NLGI Grade | ASTM D217 | 2 |
| Color | Visual | Red |
| Appearance | Visual | Smooth |
| Operating Temperature range, °C | - | -20 to 160 |
| Four ball weld load, daN | DIN 51 350-4 | 280 - 300 |
| Penetration @ 25°C, 0.1 mm | ASTM D217 | 265 - 295 |
| Dropping point, °C | IP 396/DIN ISO 2176 | ≥275 |
| Kinematic viscosity of the base oil @ 40°C, mm ² /s | ASTM D445 | 165 |

AVAILABLE PACKS

0.5 KG, 1 KG, 3 KG, 15 KG, 175 KG



Pyrox Complex EP 3

OSCAR PYROX COMPLEX EP 3 is designed for the lubrication various applications in all types of operating conditions, but particularly where the operation temperature is high and the use of conventional lithium greases is limited. OSCAR PYROX COMPLEX EP 3 is a true multipurpose grease, formulated for lubrication of roller-bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off-road vehicles. Suitable as general-purpose grease for industrial applications requiring a NLGI 3 grade Extreme Pressure grease, resistant to elevated temperatures.

SPECIFICATION

ISO 6743-9: L-XBDHB 3; DIN 51502: P3N-20

TYPICAL PROPERTIES

| Soap/Thickener | | Lithium Complex |
|--|---------------------|-----------------|
| NLGI Grade | ASTM D217 | 3 |
| Color | Visual | Red |
| Appearance | Visual | Smooth |
| Operating Temperature range, °C | - | -20 to 160 |
| Four ball weld load, daN | DIN 51 350-4 | 280 - 300 |
| Penetration @ 25°C, 0.1 mm | ASTM D217 | 220 - 250 |
| Dropping point, °C | IP 396/DIN ISO 2176 | ≥240 |
| Kinematic viscosity of the base oil @ 40°C, mm ² /s | ASTM D445 | 165 |

AVAILABLE PACKS

0.5 KG, 1 KG, 3 KG, 15 KG, 175 KG

HYDRA XP



OSCAR Hydra XP

Industrial lubrication experts

Every industrial lubricant recommendation should be done after an expert consultation on the application in question. Only then the best lubricant can be selected. Oscar hydraulic oils series "HydraXP" are fitted to all your industrial applications

Oscar HydraXP series fitted to all your needs:

- HydraXP AW - high performance demulsifying AW/EP hydraulic and general lubricating oil
- HydraXP HLPD - high detergent HLPD/EP general lubricating and hydraulic oil with excellent corrosion protection
- HydraXP HVI - high performance emulsifying AW/EP hydraulic oil with a high Viscosity Index



• HydraXP AW – high performance demulsifying AW/EP hydraulic and general lubricating oil

DESCRIPTION

Oscar HydraXP AW series are general lubricating and hydraulic oils with good ageing resistance and additives to improve corrosion protection. Good viscosity temperature behavior, good wear protection, demulsifying, good air release, contain zinc.

APPLICATION

For all systems, even if thermally-stressed.

SPECIFICATIONS

DIN 51524 PART 2, CATEGORY HM
ISO 6743/4, CATEGORY HM
MAN 698, Denison HF0, HF1, HF2

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|----------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar HydraXP AW 10 | 856 | 178 | 10 | 2,6 | 96 | -30 |
| Oscar HydraXP AW 22 | 863 | 180 | 22 | 4,4 | 107 | -27 |
| Oscar HydraXP AW 32 | 876 | 205 | 32 | 5,5 | 109 | -24 |
| Oscar HydraXP AW 37 | | 210 | 37 | 5 | 100 | -25 |
| Oscar HydraXP AW 46 | 875 | 210 | 46 | 6,9 | 105 | -24 |
| Oscar HydraXP AW 68 | 881 | 224 | 68 | 8,8 | 100 | -24 |
| Oscar HydraXP AW 100 | 881 | 232 | 100 | 11,1 | 96 | -18 |
| Oscar HydraXP AW 150 | 887 | 224 | 150 | 14,5 | 94 | -15 |
| Oscar HydraXP 10W | | 232 | 37.9 | 5.89 | 96 | -30 |



• HydraXP HLPD – high detergent HLPD/EP general lubricating and hydraulic oil with excellent corrosion protection

DESCRIPTION

Oscar HydraXP HLPD series are hydraulic fluids according to DIN 51 502 with outstanding corrosion protection, powerful cleaning and sludge transportation properties. Contain zinc as well as being detergent and dispersant. Used in a number of hydraulic systems as problem solvers, especially when standard oils cannot fulfil all the requirements.

APPLICATION

Oscar HydraXP HLPD 10: For machine tool spindles and bobbin bearings in the textile industry. Oscar HydraXP HLPD 22, 32, 68: Heavy-duty hydraulic oils with good corrosion protection up to continuous temperatures of 100 °C, for smaller gearboxes, especially when fitted with electromagnetic clutches. Oscar HydraXP HLPD 100: For larger gearboxes.

SPECIFICATIONS

Fulfil and surpass the minimum demands on HLPD hydraulic oils according to DIN 51 524-2. ISO 6743/4-HM with high DD performance.

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|------------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar HydraXP HLPD 2 | 807 | 75 | 2,2 | - | - | -42 |
| Oscar HydraXP HLPD 5 | 837 | 85 | 5 | 1,7 | 83 | -36 |
| Oscar HydraXP HLPD 10 | 852 | 166 | 10 | 2,6 | 91 | -30 |
| Oscar HydraXP HLPD 22 | 868 | 165 | 22 | 4,3 | 105 | -30 |
| Oscar HydraXP HLPD 32 | 875 | 210 | 32 | 5,4 | 102 | -30 |
| Oscar HydraXP HLPD 46 | 877 | 220 | 46 | 6,9 | 105 | -27 |
| Oscar HydraXP HLPD 68 | 881 | 225 | 68 | 8,9 | 105 | -24 |
| Oscar HydraXP HLPD 100 | 883 | 248 | 100 | 11,4 | 100 | -18 |
| Oscar HydraXP HLPD 150 | 889 | 250 | 150 | 14,8 | 98 | -18 |
| Oscar HydraXP HLPD 320 | 903 | 265 | 320 | 24,8 | 99 | -12 |
| Oscar HydraXP HLPD 460 | 907 | 297 | 460 | 31,0 | 95 | -9 |



• HydraXP HVI – high performance emulsifying AW/EP hydraulic oil with a high Viscosity Index

DESCRIPTION

Oscar HydraXP HVI series are hydraulic lubricating oils (machine oils) with a high Viscosity Index and additives to improve ageing resistance, corrosion protection and wear protection. Mineral oil-base and containing zinc.

APPLICATION

Suitable for all hydraulic systems, especially when a high viscosity index is specified or if excess viscosity during start-ups or insufficient viscosity at operating temperatures is a problem. High VI provides multi-grade characteristics.

SPECIFICATIONS

HVLP hydraulic and general lubricating oils according to DIN 51 524-3. ISO 6743/4, HV ISO 11158, HV. Denison HFO, HF1, HF2

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|----------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar HydraXP HVI 15 | 859 | 180 | 15 | 3,8 | 151 | -45 |
| Oscar HydraXP HVI 32 | 871 | 178 | 32 | 6,3 | 152 | -48 |
| Oscar HydraXP HVI 46 | 879 | 186 | 46 | 8,1 | 149 | -45 |
| Oscar HydraXP HVI 68 | 882 | 210 | 68 | 11,0 | 154 | -42 |

OSCAR GEM XP

Industrial lubrication experts

Every industrial lubricant recommendation should be done after an expert consultation on the application in question. Only then the best lubricant can be selected. Oscar industrial gear oils series "GemXP" are fitted to all your industrial applications

Oscar GemXP series fitted to all your needs:

- GemXP GSH - demulsifying general lubricating, spindle and hydraulic oil
- GemXP CLP - demulsifying high performance EP/AW gear oil and general lubricating oil
- GemXP CLPF - high performance EP/AW gear oil with MoS2 (black color)
- GemXP SYNTHETIC CLP - fully synthetic, high performance EP/AW gear oil based on polyalphaolefins (PAO)



• GemXP GSH - demulsifying general lubricating, spindle and hydraulic oil

DESCRIPTION

Oscar GemXP GSH series are spindle, hydraulic and general lubricating oils (machine oils) containing selected base oils and additives to improve ageing stability and corrosion protection.

APPLICATION

For thermally-stressed bearings and hydraulic systems with peak temperatures of approx 120 °C.

SPECIFICATIONS

All GemXP GSH products are DIN 51524-1 (HL) hydraulic oils and DIN 51517-2 (CL) general lubricating oils, based on mineral oils, demulsifying (water repellent) and free of zinc.

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|---------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar GemXp GSH 2 | 805 | 100 | 2,2 | - | - | -27 |
| Oscar GemXp GSH 5 | 837 | 120 | 4,6 | 1,6 | 106 | -40 |
| Oscar GemXp GSH 7 | 839 | 155 | 7,4 | 2,2 | 103 | -27 |
| Oscar GemXp GSH 10 | 851 | 174 | 10 | 2,6 | 93 | -27 |
| Oscar GemXp GSH 15 | 856 | 195 | 15 | 3,4 | 98 | -27 |
| Oscar GemXp GSH 22 | 865 | 210 | 22 | 4,2 | 94 | -27 |
| Oscar GemXp GSH 32 | 874 | 222 | 32 | 5,4 | 102 | -24 |
| Oscar GemXp GSH 46 | 874 | 228 | 46 | 6,8 | 101 | -24 |
| Oscar GemXp GSH 68 | 882 | 250 | 68 | 8,7 | 99 | -18 |
| Oscar GemXp GSH 100 | 881 | 248 | 100 | 11,2 | 97 | -18 |
| Oscar GemXp GSH 150 | 889 | 266 | 150 | 15,5 | 94 | -15 |
| Oscar GemXp GSH 220 | 893 | 280 | 220 | 18,8 | 95 | -12 |
| Oscar GemXp GSH 320 | 898 | 280 | 320 | 24,0 | 95 | -12 |
| Oscar GemXp GSH 460 | 904 | 315 | 460 | 30,4 | 95 | -12 |
| Oscar GemXp GSH 680 | 912 | 302 | 680 | 37,9 | 92 | -12 |

• GemXP CLP – demulsifying high performance EP/AW gear oil and general lubricating oil

DESCRIPTION

Oscar GemXP CLP series are high performance, gear oils and general lubricating oils with good ageing stability and additives to improve corrosion protection (combat ferrous and nonferrous metal corrosion caused by moisture). Outstanding anti-wear characteristics – good EP/AW performance, excellent protection against scuffing and micro pitting, excellent FE8 roller bearing wear protection, good demulsifying properties, very good foaming suppression, zinc- and silicone oil-free.

APPLICATION

Oscar GemXP CLP oils fulfil and surpass the minimum requirements of lubricating oils. Universal gear oils for all industrial applications such as in bearings, knuckles, spur, bevel and worm drives and whenever the manufacturer recommends a Type CLP oil.

SPECIFICATIONS

CLP according to DIN 51 517: Part3 (2004), ISO 6743-6 : ISO 12925-1: CKC, CKD. US Steel 224, David Brown S1.53.10

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index |
|---------------------|-------------------------------------|---------------------------|--|---|-----------------|
| Oscar GemXp CLP 68 | 886 | 236 | 68 | 8,7 | 99 |
| Oscar GemXp CLP 100 | 890 | 240 | 100 | 11,2 | 98 |
| Oscar GemXp CLP 150 | 894 | 250 | 150 | 14,5 | 94 |
| Oscar GemXp CLP 220 | 896 | 260 | 220 | 18,9 | 96 |
| Oscar GemXp CLP 320 | 900 | 255 | 320 | 24,0 | 95 |
| Oscar GemXp CLP 460 | 901 | 270 | 460 | 30,4 | 95 |
| Oscar GemXp CLP 680 | 918 | 270 | 680 | 36,8 | 88 |

• GemXP CLPF – high performance EP/AW gear oil with MoS2 (black color)

DESCRIPTION

Oscar GemXP CLPF series are extreme pressure gearbox oils with synergetic chemical EP/AW additives and physical MoS₂-based solid lubricants. The MoS₂-based solid lubricants are physically effective and cover a wide range of temperatures in boundary friction conditions. They reduce friction and have a damping effect. Excellent wear protection in boundary friction conditions, good dirt suspension properties (detergent effect), low foaming, very good FE8 roller bearing wear protection as well as zinc- and silicone oil-free.

APPLICATION

For highly-stressed gearboxes operating at low speeds and high loads, even when subject to shock loading, for noise reduction and for the lubrication of spindles and gear-boxes in forging presses.

SPECIFICATIONS

Oscar GemXP CLPFF series of oils surpass the minimum requirements of CLPFD lubricating oils according to DIN 51 517, Part 3 (2004) together with DIN 51 502, ISO 6743-6 ISO 12925-1: CKC, CKD.

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|-----------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar GemXp CLPF 100 | 891 | 240 | 100 | 11,2 | 98 | -21 |
| Oscar GemXp CLPF 220 | 901 | 260 | 220 | 18,8 | 95 | -21 |
| Oscar GemXp CLPF 320 | 900 | 255 | 320 | 24,0 | 95 | -14 |
| Oscar GemXp CLPF 460 | 911 | 270 | 460 | 30,4 | 95 | -12 |
| Oscar GemXp CLPF 680 | 922 | 270 | 680 | 36,8 | 88 | -10 |
| Oscar GemXp CLPF 1500 | 923 | 240 | 1,500 | 61,1 | 90 | -12 |

• GemXP SYNTHETIC CLP – fully synthetic, high performance EP/AW gear oil based on polyalphaolefins (PAO)

DESCRIPTION

Oscar GemXP Synthetic CLP series are fully-synthetic gear and general lubricating oils with excellent thermal and ageing stability, very high viscosity index (shear-stable), out-standing low temperature characteristics, good cold flowing properties, very good air release, low foaming, good protection against micro pitting, good FE8 performance, zinc and silicone oil-free.

APPLICATION

For the lubrication of bearings and gearboxes which are subject to high thermal loads. Suitable for lubricated-for-life applications and in gearboxes with extended drain intervals. Miscible and compatible with mineral oils. Excellent low temperature characteristics, high, shear-stable viscosity index.

SPECIFICATIONS

Oscar GemXP SYNTHETIC CLP series of oils surpass the minimum requirements of CLP-HC gear oils according to DIN 51 517, Part 3 together with DIN 51 502, ISO 6743-6 and ISO 12925-1: CKC, CKD, CKE, AISE 224, David Brown S1.53.101.

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|--------------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar GemXp SYN CLP 68 | 848 | 240 | 68 | 10,7 | 147 | -56 |
| Oscar GemXp SYN CLP 100 | 851 | 250 | 100 | 14,5 | 150 | -53 |
| Oscar GemXp SYN CLP 150 | 853 | 250 | 150 | 19,6 | 150 | -45 |
| Oscar GemXp SYN CLP 220 | 854 | 260 | 220 | 26,7 | 155 | -42 |
| Oscar GemXp SYN CLP 320 | 860 | 260 | 320 | 35,0 | 155 | -42 |
| Oscar GemXp SYN CLP 460 | 861 | 300 | 460 | 45,6 | 155 | -39 |
| Oscar GemXp SYN CLP 680 | 862 | 300 | 680 | 62,2 | 160 | -33 |
| Oscar GemXp SYN CLP 1000 | 864 | 300 | 1,000 | 84,0 | 165 | -27 |



OSCAR Turbine And Compressor Oil

Oscar Lubricants can offer the best Turbine and Compressor oil for your specific application.



• Oscar Turbine Oil

DESCRIPTION

Oscar Turbine 32, 46 & 68

APPLICATION

Turbine oils for gas and steam turbines, also with gearboxes and as a control fluid for turbine plants and turbo-compressors.

SPECIFICATIONS

L-TD and L-TG turbine oils acc. to DIN 51 515-1 and -2

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar Turbine 32 | 842 | 220 | 32 | 5,8 | 125 | -25 |
| Oscar Turbine 46 | 846 | 238 | 46 | 7,6 | 131 | -25 |
| Oscar Turbine 68 | 851 | 248 | 68 | 9,9 | 128 | -25 |

• Oscar Compressor Oil

DESCRIPTION

Oscar Compressor Oil 32, 46, 68 & 100

APPLICATION

Turbine oils for gas and steam turbines, also with gearboxes and as a control fluid for turbine plants and turbo-compressors.

SPECIFICATIONS

VCL/VDL air compressor oils acc. to DIN 51 506

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|--------------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar Compressor Oil 32 | 871 | 220 | 32 | 5,2 | 100 | -25 |
| Oscar Compressor Oil 46 | 875 | 236 | 46 | 7,2 | 117 | -25 |
| Oscar Compressor Oil 68 | 878 | 248 | 68 | 8,6 | 97 | -25 |
| Oscar Compressor Oil 100 | 881 | 250 | 100 | 11,0 | 94 | -25 |

• Oscar SYN Compressor Oil

DESCRIPTION

Oscar SYN Compressor Oil 68, 100 & 150

APPLICATION

Fully-synthetic oils for all highly-stressed air compressors which require a VCL/VDL oil. For use in rotary, screwtype and vane-type compressors.

SPECIFICATIONS

VCL/VDL air compressor oils acc. to DIN 51 506 Synthetic PAO base stock

| Product name | Density at 15 °C, kg/m ³ | Flash point Cleveland, °C | Kinematic viscosity at 40 °C, mm ² /s | Kinematic viscosity at 100 °C, mm ² /s | Viscosity index | Pour point, °C |
|------------------------------|-------------------------------------|---------------------------|--|---|-----------------|----------------|
| Oscar SYN Compressor Oil 68 | 845 | 265 | 68 | 10,6 | 144 | -60 |
| Oscar SYN Compressor Oil 100 | 845 | 250 | 100 | 14,4 | 148 | -60 |
| Oscar SYN Compressor Oil 150 | 849 | 250 | 150 | 19,4 | 148 | -60 |

SOLUBLE CUTTING FLUID

OSCAR SOLUBLE CUTTING FLUID

Oscar Soluble Cutting Fluid has been formulated to meet the requirements for the preparation of water soluble oils which will give stable milky emulsions in all types of water.

It is using an additive which is a blend of emulsifying agents, wetting agents, and rust inhibitors, together with solvent refined mineral oils. It also contains biocides and fungicide additives to give the finished soluble oils and long service life, prevent emulsion breakdown and spoilage.

It is an extremely versatile product for medium-cutting operations, provides all the lubrication and cooling properties necessary to ensure good work piece finish, and extended tool life. It is suitable on ferrous and non-ferrous metals in turning, milling, drilling, tapping, threading and cold sawing operations.



APPLICATION

It is an extremely versatile product for medium-cutting operations, provides all the lubrication and cooling properties necessary to ensure good work piece finish, and extended tool life. It is suitable on ferrous and non-ferrous metals in turning, milling, drilling, tapping, threading and cold sawing operations.

TYPICAL PROPERTIES

| Test Parameters | ASTM Method | Typical Value |
|-----------------------|-------------|---------------|
| pH | - | 9.50 |
| Density @ 15C, kg/l | ASTM D1298 | 0.8912 |
| Flash Point (COC), °C | ASTM D92 | 210 |
| Viscosity @ 100C, cSt | ASTM D445 | 6.38 |
| Viscosity @ 40C, cSt | ASTM D445 | 40.0 |
| Viscosity Index | ASTM D2270 | 108 |
| Pour Point, °C | ASTM D27 | -6 |

A COMPLETE SOLUTION PROVIDER FOR MARINE AND POWER GENERATION SYSTEMS



LOW SPEED 2-STROKE MARINE ENGINES (MCL)

- OSCAR MCL 5070
- OSCAR MCL 5080
- OSCAR MCL 50100

LOW SPEED 2-STROKE MARINE ENGINES (SO)

- OSCAR SO 4005
- OSCAR SO 4006
- OSCAR SO 4007



MEDIUM SPEED 4-STROKE MARINE ENGINES (TPEO)

- OSCAR TPEO 3012
- OSCAR TPEO 3015
- OSCAR TPEO 4030
- OSCAR TPEO 4040



POWER GENERATION ENGINES (TPEO)

- OSCAR TPEO 3012
- OSCAR TPEO 3015
- OSCAR TPEO 4030
- OSCAR TPEO 4040





Oscar UTTO 10W30

Oscar UTTO 10W30 is a super high-performance multifunctional transmission lubricant for construction machinery.

PROPERTIES

This lubricant assures:

- highest pressure-absorption capability
- wear reduction
- noise reduction
- excellent viscosity/temperature properties
- excellent ageing resistance

Used in powered transmission and axle drives, especially for high-load hypoid gearings.



TYPICAL PROPERTIES

| Test Parameters | ASTM Method | Typical Value |
|------------------------|-------------|---------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.870 |
| Viscosity @ 100°C, cSt | ASTM D445 | 10.50 |
| Viscosity @ 40°C, cSt | ASTM D445 | 69 |
| Viscosity Index | ASTM D2270 | 135 |
| Flash Point, °C | ASTM D92 | 230 |
| Pour Point, °C | ASTM D97 | -25 |



Oscar Transfo U

DESCRIPTION

OSCAR TRANSFO® U Uninhibited Transformer oil is severely refined hydro-cracked / hydrotreated virgin mineral insulating oils with highest degree of purity and stability. OSCAR TRANSFO® oils are manufactured from judiciously selected blend of latest technology feed stocks.

OSCAR TRANSFO® U Uninhibited Transformer oil has superior oxidation stability - meeting the requirements as specified in IEC 60296:2012, high dielectric strength and are used in equipment requiring operations at high elevated temperatures & greater oxidation resistance.

CHARACTERISTICS

OSCAR TRANSFO® oils offer special advantages over 'conventional' transformer oils, such as:

- Very low Sulphur and no DBDS.
- Non corrosive as tested by all present and proposed methods, i.e. standard DIN tests and also new IEC 62535:08.
- Higher Flash point, resulting on Low evaporation losses and better safety
- Remarkably low sludge and acidity formation, in both ageing and
- oxidation tests, results in longer life of oil and equipment
- Low viscosity oils offering excellent and fast heat transfer

APPLICATIONS

OSCAR TRANSFO® oils are highly suitable for all grades of

- Power Transformers
- Distribution Transformers
- Circuit Breakers
- Oil filled switches
- X-ray equipment

QUALITY/APPROVALS

OSCAR TRANSFO® U Uninhibited oil conforms to and exceeds the requirements of IEC 60296:2012

STORAGE PRECAUTIONS

Extreme care is taken while packing these products, including filling of drums in inert atmosphere, as Electrical Insulating oils / Transformer oils are very sensitive to very minute concentrations of contaminants, such as moisture, particulate matter, fibers, etc. Hence, care should be taken to store OSCAR TRANSFO® oils in a clean and dry condition. It is strongly recommended that all storage tanks / drums be maintained such that oil is not in contact with atmospheric air. Also, oils should always be stored indoors in climate controlled environments

OSCAR ELECTRO® U - UNINHIBITED TRANSFORMER INSULATING OIL

TYPICAL PROPERTIES

| Test Parameters | Test Method | Specification Limits |
|---|------------------------------|---|
| FUNCTION | | |
| Kinematic Viscosity, mm ² /s (Max) at 40 °C | ISO 3104 | 12.0 |
| Kinematic Viscosity, mm ² /s (Max) at at -30 °C | ISO 3104 | 1800 |
| Pour Point °C | ISO 3016 | -40 |
| Water Content, Max mg/kg (Bulk) | IEC 60814 | 30 |
| Water Content, Max mg/kg (Drum) | IEC 60814 | 40 |
| Break Down Voltage, Min. As Delivered (kv) | IEC 60156 | 30 |
| Break Down Voltage, Min. After treatment (kv) | IEC 60156 | 70 |
| Density kg/dm ³ , @ 20 °C, Max | ISO 3675 | 0.895 |
| DDF at 90 °C, Max | IEC 60247 | 0.005 |
| REFINING/STABILITY | | |
| Appearance | Visual | Clear, odorless liquid free from suspended impurities |
| Neutralization Value / Acidity, mg KOH/g, Max | IEC 2-62021 / 1-62021 | 0.01 |
| Interfacial tension, mN/m, Min | ISO 6295 | 40 |
| Total Sulphur Content, %, Max | IP 373 / ISO 14596 | No General Requirement |
| Corrosive Sulphur, silver strip, 1000C, 18 hrs | DIN 51353 | Non Corrosive |
| Cu strip & Kraft Paper 1500C, 72 hrs | IEC 62535 | Non Corrosive |
| DBDS, mg/kg, Max | IEC 1-62697 (in preparation) | Not Detectable (< 5) |
| Anti-Oxidant Additives | IEC 60666 | Not Detectable |
| Metal Passivators, mg/kg, Max | IEC 60666 | Not Detectable (< 5) |
| 2-Furfural content, mg/kg, Max | IEC 61198 | Not Detectable (< 0.05) |
| PERFORMANCE | | |
| Oxidation Stability, 164 hrs - Total acidity, mg KOH/g, Max | IEC 61125 METHOD- C | 1.2 |
| Oxidation Stability, 164 hrs - Sludge, %, Max | IEC 61125 METHOD- C | 0.8 |
| Oxidation Stability, 164 hrs - DDF @ 900C, Max | IEC 60247 | 0.5 |
| Gassing Tendency | IEC 1985 : 60628, Method A | No General Requirement |
| ECT | CIGRE | No General Requirement |
| HEALTH, SAFETY AND ENVIRONMENT (HSE) | | |
| Flash Point oC, PMCC, Min | ISO 2719 | 135 |
| Polycyclic Aromatics % mass, Max | IP: 346 | 3.00 |
| Total PCB content mg/Kg | IEC 61619 | Not Detectable (< 2) |
| CONFORMS TO STANDARDS | | |
| IEC 60296:2012 (U) | | ü |



Oscar Heat Transfer Fluid IO 46

Oscar Heat Transfer Fluid IO 46 is a Synthetic based heat transfer fluid with inhibitors.

PROPERTIES

This lubricant assures:

- A good resistance to thermal cracking.
- An excellent resistance to oxidation in contact with the air thanks to special additives.
- An excellent thermal stability
- Low deposits • good ageing resistance

APPLICATIONS

- Heating in a liquid bath and all applications where air is present.
- Heating of domestic and industrial premises.
- Production of steam and hot water.
- Air conditioning.
- Keeping storage tanks at the requisite temperature.
- Heating by exchange systems (counter flow heat exchangers).
- Heating of thermal baths, autoclaves, reactors, furnaces, molding systems, drying tunnels and presses.



TYPICAL PROPERTIES

| Test Parameters | ASTM Method | Typical Value |
|----------------------------|-------------|---------------|
| Density @ 15°C, kg/l | ASTM D1298 | 0.87 |
| Viscosity @ 100°C, cSt | ASTM D445 | 7.1 |
| Viscosity @ 40°C, cSt | ASTM D445 | 46 |
| Viscosity Index | ASTM D2270 | 112 |
| Flash Point, °C | ASTM D92 | ≥ 220 |
| Pour Point, °C | ASTM D97 | -15 |
| Bulk Temperature limit, °C | | 300 |
| Film Temperature limit, °C | | 330 |

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