

Oscar HDM GemXP SYN CLP

PRODUCT DESCRIPTION

Oscar HDM GemXP SYN CLP – fully synthetic, high performance EP/AW gear oil based on polyalphaolefins (PAO)

Oscar HDM GemXP SYN CLP series are fully-synthetic gear and general lubricating oils with excellent thermal and ageing stability, very high viscosity index (shear-stable), outstanding 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

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 HDM industrial gear oils series “GemXP” are fitted to all your industrial applications.

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.

PERFORMANCE LEVELS

Oscar HDM GemXP SYN 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, AIST 224, David Brown S1.53.101.

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	OSCAR HDM GEM XP SYN CLP						
Product Name	-	-	68	100	150	220	320	460	680
Density at 15 °C, kg/m ³	ASTM D4052	kg/m ³	848	851	853	854	860	861	862
Flash point Cleveland, °C	ASTM D92	°C	240	250	250	260	260	300	300
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	mm ² /s	68	100	150	220	320	460	680
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	mm ² /s	10.7	14.5	19.6	26.7	35.0	45.6	62.2
Viscosity Index	ASTM D2270	-	147	150	150	155	155	155	160
Pour Point, °C	ASTM D5950	°C	-43	-40	-38	-38	-36	-35	-33

The values shown above are typical values at the date of publication. Oscar Lubricants reserves the right to change these typical values without prior notice

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.oscarlubricants.com