PRODUCT DATA SHEET

Oscar UTTO SAE 50 TO-4

DESCRIPTION

Oscar UTTO 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

PROPERTIES

This lubricant assures:

- Optimized clutch-friction retention and slippage control
- Compatible with modern clutch materials and elastomers
- Longer clutch life and higher performance
- Increased levels of anti-wear and load carrying capability
- Reduced gear wear and extended life in transmissions, gearboxes, and final drives
- Excellent foam control protection
- Top performance in wet brakes; excellent control of brake chatter
- Excellent thermal and oxidation stability
- Outstanding hydraulic oil stability and protection against high-pressure pump wear

APPLICATIONS

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway applications
- Off-highway industries including: mining, construction, quarrying, and agriculture
- Manual, powershift, and automatic transmissions where Allison C-4 fluids are called for including Twin Disc and transmissions calling for Type F fluids
- Most mobile equipment hydraulic applications

Meets the requirements of: API GL-4; CAT TO-4; KOMATSU KES 07.868.

TYPICAL PROPERTIES

Oscar MTF		
Typical Properties	**SAE Grade**	**50**
	Performance	**TO-4**
Test Parameters	**ASTM Method**	**Typical Values**
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
Flash Point, ˚C	ASTM D92	245
Pour Point , ˚C	ASTM D97	-16

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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.

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