

## Oscar HDM TFX 10W TO-4

### PRODUCT DESCRIPTION

Oscar HDM TFX 10W 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

### APPLICATION

- 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 (SAE 10W and 30 grades) are called for including Twin Disc and transmissions calling for Type F fluids
- Most mobile equipment hydraulic applications

### PROPERTIES

This lubricant assures:

- Optimised 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
- Reduced time from start-up to production

### TYPICAL PROPERTIES

Oscar HDM TFX 10W TO-4		
Typical Properties	SAE Grade	10W
	Performance	TO-4
Test Parameters	ASTM Method	Typical Values
Density @ 15°C, kg/l	ASTM D1298	0.86
Viscosity @ 100°C, cSt	ASTM D445	6.06
Viscosity @ 40°C, cSt	ASTM D445	34.1
Viscosity Index	ASTM D2270	125
Flash Point, °C	ASTM D92	240
Pour Point, °C	ASTM D97	-40

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](http://www.oscarlubricants.com)