

## Oscar HDM Turbine Oil TOXP

### PRODUCT DESCRIPTION

Oscar HDM Turbine Oil TOXP Series are for use in modern steam and medium duty gas turbines. It has been designed to enable the higher oxidation performance required by modern turbine oil specifications including RPVOT and TOST requirements.

### APPLICATION

Oscar HDM Turbine Oil TOXP Series designed for use in steam and gas turbine oil systems, direct- or gear-coupled and turbine speed control mechanisms.

### PROPERTIES

- Excellent thermal/oxidation stability
- Antiwear protection
- Excellent demulsibility

### PERFORMANCE LEVELS

Meets and exceeds:

GE Power HTGD 90117, Siemens TLV 9013 04, Siemens TLV 9013 05, DIN 51515-1:2010-02, DIN 51515-2:2010-02, GE Power GEK 101941A, GE Power GEK 107395A, GE Power GEK 121608, GE Power GEK 28143A, GE Power GEK 32568N, GE Power GEK 46506D, JIS K-2213 Type 2, Siemens Industrial Turbo Machinery MAT 812101, Siemens Industrial Turbo Machinery MAT 812102, Siemens Industrial Turbo Machinery MAT 812106, Siemens Industrial Turbo Machinery MAT 812107, Siemens Industrial Turbo Machinery MAT 812108, Siemens Industrial Turbo Machinery MAT 812109, Siemens Westinghouse PD-55125Z3, Solar Turbines ES 9-224, Class II

### TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	OSCAR HDM TURBINE OIL TOXP	
Product Name	-	-	32	46
Density at 15 °C, kg/m <sup>3</sup>	ASTM D4052	kg/m <sup>3</sup>	860	870
Flash point Cleveland, °C	ASTM D92	°C	225	240
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445	mm <sup>2</sup> /s	30	42
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	mm <sup>2</sup> /s	5.4	6.2
Viscosity Index	ASTM D2270	-	110	105
Pour Point, °C	ASTM D5950	°C	-30	-30

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)