

# TURBINE OIL TX SERIES

## Ultimate Performance Zinc-Free Turbine Oils

### Description

PO Turbine Oil TX series are formulated by the latest zinc-free, anti-rust and corrosion inhibitor additive technology with high qualified hydrotreated basestocks. They are developed to meet demands of the last technology industrial turbines due to their excellent oxidation, thermal stability, water separation and anti-corrosion properties.

### Applications

- Naval and industrial operations requiring high performance
- Gas Turbines
- Steam Turbines
- Combined Cycle Turbine (Steam and Gas) Systems
- Circulation Systems
- R&O Hydraulic Systems
- R&O Gearboxes

### Benefits

- Long service life due to new generation, high technology additives.
- Performs excellent oxidation stability under severe conditions and prolongs service life.
- Ultimate temperature stability performance even in very severe operations.
- Prevents rust and corrosion perfectly even after water washing process.
- Protects turbines perfectly due to its water separability characteristic.
- Performs perfectly at field operations due to its compatibility for environmental pollutants.
- Improves cleanliness and productivity of system due to its high filtration performance.
- Does not harm environment (Does not contain 2,6 DTBP).

### Performance

Siemens TLV 9013 04/05 (approval), ALSTOM HTGD 90 117 (approval), General Electric GEK32568G and 46506E, ISO 8068:2006(E) L-TSA, L-TGA, DIN 51515 Parts I & II, British Standard 489:1999

### Typical Specifications\*

ISO Viscosity Grade		32	46
Density, 15 °C, kg/liter	ASTM D4052	0,840	0,845
Flash Point COC, °C	ASTM D92	240	242
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	31,3	43,2
Viscosity, 100 °C, mm <sup>2</sup> /s		5,55	6,72
Viscosity Index	ASTM D2270	119	110
Pour Point, °C	ASTM D97	-30	-30

\* Values shown may differ between productions.

