



TEXAS T-SERIES TURBINE OIL

Premium Quality Turbine Oil

PRODUCT DATA SHEET

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DESCRIPTION

Texas Turbine T-Series consists of a range of premium quality, mineral-based turbine lubricants, which are also excellent rust & oxidation (R & O) inhibited fluids. They are manufactured with highly refined paraffinic base stocks for outstanding thermal stability, and specially selected additives for effective system protection.

Texas Turbine T high-performance turbine-quality fluids possess superior oxidation control, outstanding filterability and strong water separation properties. These features contribute to an extended service life and reduced maintenance frequency. These products are in fact, multifunctional fluids that can double up as circulating oils and hydraulic lubricants.

Texas Turbine T-Series meets the performance requirements of many industrial specifications, including certain hydraulic pump manufacturers.

PERFORMANCE STANDARDS

- Siemens/ KWU TLV 9013/04-02
 - General Electric GEK-101941 A
 - Alstom HTGD 90 117
 - GEK 32 568 F
 - BS 489 (CIGRE)
- For EP/ FZG turbine (steam & gas) oils
- For non EP/ FZG turbine oils

TYPICAL APPLICATION

- Recommended for steam, water and hydraulic turbines in industrial and even marine applications
- Hydraulic systems requiring a low-pressure R & O type oil
- Oil circulation systems
- Gear sets requiring non-EP gear oils

BENEFITS

- Extended oxidation life
- High resistance to sludge formation
- Reduce maintenance costs due to less frequent oil changes
- Superior high thermal stability
- Outstanding water separation and air release properties
- Multifunctional applications
- Protect against rust and corrosion

TYPICAL PROPERTIES

ISO VG	32	46	68	100
Density, kg/Litre @ 15°C	0.869	0.872	0.880	0.883
Colour ASTM	<0.5	0.5	<1.0	<1.0
Kinematic Viscosity, mm ² /s @ 40°C	32.0	46.0	68.0	100.0
Kinematic Viscosity, mm ² /s @ 100°C	5.4	6.9	9.24	11.3
Viscosity Index	102	102	112	100
Pour Point, °C	-21	-18	-30	-30
Flash Point COC, °C	220	222	230	230
Water Demulsibility @54°C (min)	30	30	45	45
Total Acid Number, mgKOH/g	0.15	0.15	0.15	0.15