

TEXOL TURBINE OIL

T-46



JV of: **gandhar**
oil refinery (india) ltd.

Product Description

Texol® Turbine Oil T-46 is formulated to provide all the performance requirements of a lubricant for use in modern steam and medium duty gas turbines. It also provides for high oxidation performance required by modern turbine oil specifications including RPVOT and TOST requirements.

Applications

Texol® Turbine Oil T-46 is recommended for use in most electric motor bearings, air compressors, gears, hydroelectric turbines, steam turbines, and moderate duty hydraulic systems where OEM recommends oils of specifications indicated.

Texol Turbine oil T-46 is a multipurpose industrial lubricant combining the needs of turbines, compressors, Hydraulics and gears.

Features and Benefits

- Provides excellent oxidation stability promoting long fluid life as per the RPVOT and TOST tests.
- Outstanding filterability that minimizes filter blocking. Protects metal surfaces with excellent rust and corrosion protection.
- Excellent demulsibility and hydraulic stability in the presence of water.
- Minimizes the formation of foam.
- Controlled air release performance.
- High viscosity Index.

Specifications, Approvals and Quality

- ASTM D4304 / BIS 1012 / BS 489
- DIN 51515 P 1 / DIN 51515 P 2 / GEK 27070
- GEK 101914A EP, Non-EP / GEK 121608 EP, Non-EP
- GEK 28143B / GEK 32568K / GEK 46506E
- ISO 11158 HL / ISO III58 HH / ISO 8068
- JIS K 2213 / Siemens Fluid 65/0027 Issue 7 EP & Non-EP
- Siemens TLV 9013-04 EP & Non-EP
- Siemens TLV 9013-05 EP & Non-EP
- Solar ES 9-224 EP & Non-EP
- Compressor: DIN 50506 VDL
- Hydraulic: DIN 51524 P 1 / Fives Cincinnati P-38
- Indl Gear: AGMA 9005-F16 R&O

Characteristics

Key Properties	Test Methods	Specification	Value
ISO VG Grade	---	46	46
Kinematic Viscosity @ 40°C, cSt	ASTM D445	41.4 – 50.6	46
Kinematic Viscosity @ 100°C, cSt	ASTM D445	---	6.6
Viscosity Index	ASTM D2270	90 Min	103
Flash Point 0C	ASTM D92	190 min	220
Pour Point, 0C	ASTM D97	(-) 15 Max	(-) 36
Density @15°C	ASTM D1296	---	0.87

Health and Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from our Texol sales office.