

Turbol Turbine Oils

Description :

Divyol Turbol turbine oils are formulated using hydro-treated base oils. These oils possess very high oxidation and chemical stability to resist corrosive action. They also have excellent demulsibility, antifoaming and anti-wear properties. These oils also enable the release of entrained air from the system, thus preventing possible cavitations, air locks, etc. which usually impact turbine efficiency. These advantages add up to high thermal stability and in turn longer service life of the system.

Performance Level : Meets

IS:1012-2002 (Reaffirmed to 2013),

GEK 32568 F/G, GEK 281438A, GEK 101941A, GEK 46506E, GEK 107395 A,

Alstom HTGD 90 117 V0001 S,

Solar ES 9-224,

AIST (U.S. Steel) 120,

BS:489-1983,

DIN 51515 Part I & Part II,

JIS K 2213,

Westinghouse Electric Corp. Turbine Oil Spec,

Siemens TLV 9013 05 and 9013 04.

Application :

Divyol Turbol range of products are premium quality turbine oils designed for turbines and hydraulic systems that require a very long drain interval and a dependable lubricant. These oils are recommended for lubrication of turbo-compressors and suitable also for lubrications of plain as well as journal type bearings in steam, gas and water turbines.

Performance Benefits :

- Meets various Indian & Global OEM turbine oils specifications
- Excellent demulsibility and anti foaming properties.
- Excellent air release properties.
- High thermal stability, leading to longer oil service life.
- Outstanding rust and corrosion protection.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Turbol 32	Turbol 46	Turbol 57	Turbol 68
1	Appearance	Visual	Bright & Clear			
2	Colour	ASTM D 1500	L0.5	L0.5	L0.5	L0.5
3	Kinematic viscosity @ 40°C, cSt	ASTM D 445	32	46	57	68
4	Viscosity index	ASTM D 2270	105	105	106	106
5	Flash point, COC, °C	ASTM D 92	210	215	215	215
6	Pour point, °C	ASTM D 97	Minus 15	Minus 12	Minus 12	Minus 12
7	Rusting Test, 24 Hrs.	ASTM D 665 A&B	Complies	Complies	Complies	Complies
8	TAN mg KOH/g	IS : 1448 P:2	0.15	0.15	0.15	0.15
9	Demulsibility @ 54°C, ml	ASTM D 1401	40 - 40 - 0 (10)	40 - 40 - 0 (10)	40 - 40 - 0 (10)	40 - 40 - 0 (10)
10	Foaming Tendency / Stability, ml Seq. I at 24°C ml/ml Seq. II at 93.5°C ml/ml Seq. II at 24°C ml/m	ASTM D 892	0 / 0	0 / 0	0 / 0	0 / 0