

Turbine Oils (Antiwear Type)

Description :

Divyol Turbine Oils (Antiwear Type) grades are premium performance lubricants formulated from severely hydro-treated high viscosity index base oils fortified with selected ashless additives. These oils are designed to satisfy the requirements of contemporary steam, gas and hydraulic turbines.

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.

Application :

- Suitable for turbines and hydraulic system where a very long drain interval and outstanding performance is required along with anti-wear properties.
- Recommended for lubrication of turbo-compressors.
- Suitable for lubrications of plain as well as journal type bearings in steam, gas and hydraulic.

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.
- Very good anti-wear properties.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Turbol T 32	Turbol T 46	Turbol T 68
1	Appearance	Visual	Bright & Clear		
2	Colour	ASTM D 1500	0.5	0.5	0.5
3	Kinematic viscosity @ 40°C, cSt	ASTM D 445	31	47	67
4	Viscosity index	ASTM D 2270	115	115	112
5	Flash point, COC, °C	ASTM D 92	210	215	225
6	Pour point, °C	ASTM D 97	Minus 12	Minus 18	Minus 18
7	Rusting Test	ASTM D 665B	Passes	Passes	Passes
8	TAN mg KOH/g	IS : 1448 P:2	0.07	0.07	0.07
9	Demulsibility @ 54°C, ml	ASTM D 1401	40 - 40 - 0 (10)	40 - 40 - 0 (10)	40 - 40 - 0 (15)
10	Foaming characteristics, Tendency / Stability, ml Seq. I / Seq. II / Seq. III	ASTM D 892	0 / 0	0 / 0	0 / 0
11	Turbine oil stability test, Hrs.	ASTM D 943	10000+	10000+	10000+