

Product Data

ZIE TURBINE OIL 32,46,68 Premium Turbine Oil

Description:

Zie Turbine Oil grades 32,46 and 68 are premium quality turbine oils for turbines and hydraulic systems that require very long drain intervals and a dependable lubricant with effective anti-wear properties. These turbine 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 hydraulic turbines.

Standards:

Zie Turbine Oils grade are manufactured from high quality paraffinic base stock. These oils conform to performance standards of IS-1012-2002 (Reaffirmed to 2013); BS: 489-1983; OEM: BHEL and GE turbine specifications; German Standard DIN 51515; and General Electric GEK 27070.

Advantages:

Zie Turbine oils are possess very high oxidation and chemical stability to resist corrosive action. They also have excellent demulsibility, antifoaming and anti-wear properties that provide effective protection from rust and corrosion. These oils enable the release of entrained air from the system, thus preventing possible cavitations, air locks, etc. which usually affect turbine performance. These advantages add up to high thermal stability and in turn longer service life of the system.

Typical characteristics:

Characteristics	Test Method	Zie Turbine		
		32	46	68
Appearance	Visual	Bright and clear	Bright and clear	Bright and clear
Colour, max.	ASTM D 1500	0.5	0.5	0.5
Kinematic viscosity, cSt at 40 °C	ASTM D 445	31	47	67
Viscosity index, min.	ASTM D 2270	110	118	115
Flash point (COC), °C, min.	ASTM D 92	210	210	220
Pour point, °C, max.	ASTM D 97	-12	-18	-9
Rust test, 24 hrs.	ASTM D 665 (A&B)	Complies	Complies	Complies
TAN mg KOH/gm, max.	IS:1448 P:2	0.07	0.07	0.07

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.