

DIVYOL TURBINE OILS 32 / 46 / 57 / 68

Applications:

Divyol Turbol 32, 46, 57 and 68 are premium quality turbine oils designed for turbines and hydraulic systems that require a very long drain interval with 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.

Standards:

Divyol Turbol turbine oils are formulated using high quality paraffinic base stock. Each grade of Divyol Turbo oils meet OEM turbine specifications as per BHEL and GE. They also conform to IS:1012-2002 (Reaffirmed to 2013), BS:489-1983 and German Standard DIN 51515 Part I.

Advantages:

Divyol Turbol turbine oils 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 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.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Turbol			
			32	46	57	68
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Colour, max.	ASTM D 1500	2	2	2	2
3	Flash point, COC, °C min.	ASTM D 92	215	215	215	215
4	Pour Point, °C, max.	ASTM D 97	-15	-12	-12	-6
5	Kinematic viscosity at 40 °C, cSt min.	ASTM D 445	32	46	57	68
6	Viscosity index, min.	ASTM D 2270	100	100	100	100
7	Rust test, 24 hrs.	ASTM D 665 (A&B)	Complies	Complies	Complies	Complies
8	TAN mg KOH/gm, max.	IS:1448 P:2	0.15	0.15	0.15	0.15
9	Demulsibility at 54 °C (40-40-0)	ASTM D 1401	0.07	0.07	0.08	0.08
10	Foaming tendency / stability	ASTM D 892				
	Seq I at 24 °C mL/mL		0 / 0	0 / 0	0 / 0	0 / 0
	SeqII at 93.5 °C mL/mL		0 / 0	0 / 0	0 / 0	0 / 0
	Seq II at 24 °C mL/mL		0 / 0	0 / 0	0 / 0	0 / 0

The above properties are typical values and do not constitute specification of the product.

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