



Velvex Turbinevel 32/46/68

Description

Velvex Turbinevel oils premium quality lubricants especially formulated to give outstanding performance and long life in modern steam, gas and hydraulic turbines. Velvex Turbinevel oils are manufactured from selectively refined distilled base stocks and contain carefully chosen antioxidant, rust inhibitor and defoamant additives.

Application

Velvex Turbinevel oils are recommended for use in the lubrication system of steam, gas and hydraulic turbines operating under all service conditions. In addition, Velvex Turbinevel oils give outstanding performance in hydraulic systems, circulating lubrication systems, enclosed bearings and other industrial machines in which long trouble free service of lubricant is required.

Performance Benefits

Turbinevel Oils offer the following benefits:

- Long service life
- Good demulsibility
- Good thermal & oxidation stability
- Excellent rust protection of Turbine internals
- Excellent air Release properties

PERFORMANCE LEVEL

IS: 1012 1987-1993 (Reaffirmed), BS-489-1983/

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Typical Characteristics

Characteristics	Test Method (IS 1448)	Typical Results		
		<u>VG 32</u>	<u>VG 46</u>	<u>VG 68</u>
Appearance	Visual	Bright & Clear		
Density @ 15°C g / ml, max.		0.900	0.900	Report
Viscosity cSt at 40°C	P : 25	30.0 -35.0	44.0 – 50.0	66.0 – 74.0
Viscosity Index (min.)	P : 56	100	98	95
Flash Point (COC), °C min.	P : 69	200	210	220
TAN mg KOH /gm (Max.)	P : 1	0.3	0.3	0.3
Air Release Value, Min. to 0.2% volume air @ 50 deg. C	P : 102	5	6	8
Emulsion Characteristics	P : 91	40-40-0 (20)		40-40-0 (25)
Rust Preventive Characteristics – 24 hrs.	P : 96 B	Shall pass		
Pour Point, °C max.	P : 10	(-) 6		
Copper Corrosion 100°C / 3 hrs	P : 15	1 max		
Foaming Characteristics ml Stability - Seq. I, / II / III		20 / Nil		