INDUSTRY

LUBRICANTS FOR INDUSTRIAL USE

CEPSA HD TURBINAS*

DESCRIPTION

Lubricating oil formulated with highly refined and hydrotreated paraffinic base oils and selective additivation that confers excellent properties for multiple applications.

PRODUCT APPLICATIONS

• Specifically designed and recommended for lubrication by circulation of steam, gas and hydraulic water turbines elements requiring oil with a long **service life** and **high resistance** to oxidation.

PRODUCT PERFORMANCE

• High chemical and thermal stability.

• Good resistance to oxidation.

• High anti-rust capacity.

• Fast air-removing speed.

• Excellent antifoaming properties.

• Exceptional control of deposit and sludge formation.

• Its high performance allows for a longer service life, achieving longer exchange intervals between oil loads, thereby reducing costs for maintenance stops.

SPECIFICATIONS

- ISO 6743-5 L TSA/TGA/TGB
- British Standard 489 (CIGRE)
- CEGB Standard 207001
- General Electric GEK 107395A
- General Electric GEK 28143A
- Siemens MAT 812101/02
- DIN 51515 Parte II (L-TG)
- MIL-L-17672 D
- AIST 120, 126
- General Electric GEK 32568H
- ALSTOM HTGD 90 117 (no EP)
- Siemens TLV 901304/901305 (no EP)
- ASTM D-4304, Tipo I
- JIS K 2213
- FIVES CINCINNATI P-Specs 2284
- General Electric GEK 46506E
- MAN Turbo – TED 10000494596
- Solar ES 9-224Y Class II

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA HD TURBINAS*		
ISO Grade			**32**	**46**	**68**
Density at 15ºc	Kg/l	ASTM D-4052	0.859	0.863	0.864
V/A flash point	ºC	ASTM D-92	206	228	240
Pour point	ºC	ASTM D-5950	-12	-12	-12
Viscosity at 40ºc	cSt	ASTM D-445	30.7	43.2	65.3
Viscosity at 100ºc	cSt	ASTM D-445	5.38	6.67	8.93
Viscosity index	-	ASTM D-2270	110	107	111
Rust (with salt water)	-	ASTM D-665 (B)	Pass	Pass	Pass
RPVOT	minutes	ASTM D-2722	>1000	>1000	>1000
TOST	hours	ASTM D-943	>7500	>7500	>7500

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes.
These values may be modified without any prior warning.