INDUSTRY

LUBRICANTS FOR INDUSTRIAL USE

CEPSA TURBINAS EP

DESCRIPTION

Lubricant oil formulated with high pressure hydrotreated base oils and selected additives that give it excellent properties for multiple applications, with extreme pressure characteristics.

PRODUCT APPLICATIONS

- Especially indicated for combined-cycle power plants and for the lubrication of steam and gas turbines.
- Particularly recommended for special turbo-generators with reduction gear.
- Hydraulic systems that require a high-quality hydraulic oil with extreme pressure characteristics.

PRODUCT PERFORMANCE

- Excellent thermal stability. Prevents physical or chemical degradation of the load during use.
- Excellent protection against corrosion and rust.
- Excellent resistance to foaming and aeration.
- Compatible with traces of other types of oil for turbines.

SPECIFICATIONS

- ISO 6743-5 L TSA/TSE/TGA/TGB/TGE
- GENERAL ELECTRIC GEK 107395A
- GENERAL ELECTRIC GEK 46506D
- SOLAR ES 9-224W
- SIEMENS MAT 812109 (ISO 46)
- ALSTOM HTGD 90117
- GENERAL ELECTRIC GEK 27070
- GENERAL ELECTRIC GEK 32568F
- MAN ENERGIE ME-TTS 011/18/92
- GENERAL ELECTRIC GEK 101941A
- SIEMENS TLV 901304
- MAN TURBO SPD 10000242284
- DIN 51515 Parte II (L-TG)

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA TURBINAS EP	
ISO grade			**32**	**46**
Density 15ºC, kg/l	Kg/l	ASTM D-4052	0.865	0.868
Flash point V/A, ºC	ºC	ASTM D-92	218	220
Freezing point, ºC	ºC	ASTM D-5950	<-12	<-12
Viscosity at 40ºC, cSt	cSt	ASTM D-445	32	46
Viscosity index	-	ASTM D-2270	108	106
FZG, fail stage	-	DIN 51354	9	9
Air release	minutes	DIN 51381	<4	<4
RPVOT	minutes	ASTM D-2722	>2500	>2500
TOST	hours	ASTM D-943	>10000	>10000

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.