

LUBRICANTS FOR INDUSTRIAL USE

CEPSA TURBO OIL SYNT

DESCRIPTION

Lubricant oil formulated with synthetic bases made from polyolester and selected additives that meets the requirements of most manufacturers of aeroderivative turbines.

PRODUCT APPLICATIONS

- Aviation gas turbines.
- Aviation gas turbines used in industrial or marine applications.
- Technology recommended by major manufacturers (Rolls Royce, Allison, General Electric, Centrax...)

PRODUCT PERFORMANCE

- Very high lubricity, maintaining the oil film at a wide range of temperatures.
- High viscosity rate and low volatility to high temperatures.
- High thermal stability and resistance to oxidation, reducing the formation of deposits/sludge and extending the service life of the equipment.
- High protection against wear and corrosion.
- High resistance to foam formation.
- Low fluidity point, making it easy to start up at low environmental temperatures.
- Compatible with other synthetic lubricants of the same nature, which comply with the MIL-PRF -23699 standard.
- Suitable for application in a wide spectrum of working conditions.

SPECIFICATIONS

- MIL-PRF -23699 G Class STD
- OTAN Code O -156
- SAE AS5780 Class SPC

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA TURBO OIL SYNT
Density at 15 °c	Kg/L	ASTM D-4052	0.996
Flashpoint, v/a	C	ASTM D-92	270
Pour point	C	ASTM D-5950	-57
Viscosity at 100° c	cSt	ASTM D-445	5.1
Viscosity at 40° c	cSt	ASTM D-445	25.6
Viscosity at -40 °c	cSt	ASTM D-445	9,170
TAN	mg KOH/g	ASTM D-664	0.16
Loss by evaporation, (6.5 hours, 204 °c)	% weight	ASTM D-972	3.5
FOAM			
- Sequence 1	ml	ASTM D-892	10 (0)
- Sequence 2			5 (0)
- Sequence 3			10 (0)
Corrosion/oxidation stability (72 hours, 204 °c):			
- Change in viscosity 40 °C	% mg KOH/g	FTM-S-791-5308	17.0
- Change in TAN			1.2

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.