

MARINE AND INDUSTRIAL LUBRICANTS

CEPSA COMPRESORES ES 100

DESCRIPTION

Diester-based synthetic oil, specifically designed for use in reciprocating air compressors for industrial, marine and mobile applications. Provides excellent protection against wear, corrosion and thermal degradation, outperforming mineral oils.

PRODUCT APPLICATION

- Recommended for high-pressure reciprocating air compressors, vacuum pumps and equipment for which the manufacturer recommends ISO 100 grade viscosity.
- Specifically designed to meet the most demanding manufacturer specifications for reciprocating air compressors, operating in extreme conditions with discharge temperatures of up to 250°C, discharge pressures of up to 200 bar and start-up temperatures of -20°C.

PRODUCT PERFORMANCE

- Its synthetic formulation enables compressors to be kept cleaner, reducing valve deposits and improving equipment performance, thereby allowing longer change periods with the resulting savings in maintenance costs.
- Outstanding oxidation and thermal degradation resistance under severe operating conditions, extending the useful lifetime of the oil.
- Low formation of residues, ash and carbon buildup.
- Outstanding protection against rusting and wear with a high load capacity, resulting in reduced wear of compressor cylinders, rings and bearings.

SPECIFICATIONS

- DIN 51506 VDL
- ISO 6743/3 DAC & DAJ

TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	METHOD	CEPSA COMPRESORES ES 100
ISO VG GRADE			100
Density at 15°C	Kg/l	ASTM D-4052	0.960
Flash Point, COC	°C	ASTM D-92	278
Pour Point	°C	ASTM D-5950	-30
Viscosity at 40°C	cSt	ASTM D-445	113
Viscosity at 100°C	cSt	ASTM D-445	12
Viscosity Index	-	ASTM D-2270	90
Foam (Sequence 1)	ml/ml	ISO 6247	0/0
Acid no. (tan)	mg KOH/g	ASTM D-664	0.2
Oxidation Test CRC	%	DIN 51352 Part 2	0.57
4-Ball wear test, scar d.	mm	ASTM D-4172	0.97

HEALTH & SAFETY AND ENVIRONMENT

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product in accordance with the applicable legislation.