

CEPSA BOREAL

Description



Highly refined, wax-free naphthenic mineral oil designed for use in refrigeration compressors.

Applications

- Specifically recommended for lubricating Refrigeration Compressors that use traditional coolants, ammonia, carbon dioxide, R12, R22, R-717, R-502, R600a and R-290.

Product performance

- Low flocculation point with Freon. Reduces crystalline formation and deposits in the cooling circuit, thereby guaranteeing and ensuring proper operation of the installation.
- Good chemical stability, extending the useful lifetime of the oil and thereby reducing stoppages and maintenance costs.
- Superb fluidity at low temperatures.
- Good oil film resistance at the temperatures reached at the end of the compression stage.
- Maximum performance in installations, extending the useful lifetime of the compressor.
- CEPSA BOREAL meets the requirements of most compressor manufacturers.

Quality Levels

- DIN 51503 KAA / KC / KE

Typical Characteristics

CHARACTERISTIC	UNITS	METHOD	CEPSA BOREAL 46	CEPSA BOREAL 68
Density at 15 °C	kg/l	ASTM D-4052	0.914	0.916
Flash Point, COC	°C	ASTM D-92	175	179
Pour Point	°C	ASTM D-5950	-39	-39
Viscosity at 40°C	cSt	ASTM D-445	43	55
Viscosity at 100°C	cSt	ASTM D-445	5.3	5.9
Copper Corrosion (3h, 100°C)	-	ASTM D-130	<1	<1
Flocculation Point R12	°C	DIN 51351	-50	-48

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 as per applicable legislation.