

DESCRIPTION

Petrogulf PE COMPRESSOR Oils are high performance fully synthetic refrigeration compressor oils specially designed to meet the stringent requirements of most modern refrigeration and air conditioning systems. These oils are formulated with Polyol Ester base fluids and provide excellent protection against oxidation degradation, wear and rust & corrosion.

FEATURES & BENEFITS

- Excellent thermo-oxidative stability controls deposits in evaporator tubes, improves heat transfer and improves oil life resulting in improved equipment reliability, availability and efficiency.
- Excellent wear and rust protection result in reduced maintenance costs and longer equipment life.
- Completely wax free and lower pour point prevents blockage and ensures smooth operation.
- Readily biodegradable and can be disposed off through conventional methods.
- Compatible with elastomers commonly used in the refrigeration system.

APPLICATIONS

- Mobile air conditioning, domestic refrigeration, residential and commercial air conditioning and heat pump, commercial refrigeration including transport refrigeration, Industrial refrigeration using HFC, CFC/HCFC, Carbon dioxide, HC refrigerants
- Marine refrigeration applications line food freezing and cold storage plants
- Suitable for use with most hydrofluorocarbon refrigerant gases and non-hydrofluorocarbon.

PERFORMANCE LEVEL

- DIN 51506 VDL

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES			
ISO Grade	32	55	68	100
Kinematic Viscosity @40°C, mm ² /s	31.6	54.0	68.0	100
Density @ 15°C Kg/L	0.940	0.950	0.968	0.968
Pour Point, °C	-42	-42	-39	-33
Flash Point (COC), °C	270	280	290	290
Water Content, ppm	<100	<100	<100	<100

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.*

ISO GRADE	32	55	68	100
PRODUCT CODE	30714000400	30714000700	30714000800	30714001000

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.