

## Petrogulf AB Refrefrigeration Oil

### Product Description

**Petrogulf AB Cool Oil** series are high performance fully synthetic refrigeration compressor oils specially designed to meet the stringent requirements of most modern refrigeration and air conditioning systems from major equipment manufacturers. These oils are formulated from the highest quality dialkyl benzene base fluids and provide excellent protection against oxidation degradation, wear and rust & corrosion.

### Features & Benefits

- ❖ Very good solubility with refrigerants over a wide range of operating temperature.
- ❖ Excellent wear and rust protection results in reduced maintenance costs and longer equipment life. Excellent high temperature and chemical stability.
- ❖ Compatible with materials of construction and 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 (reciprocating and rotary units) using Fluorocarbon, Carbon dioxide and Ammonia refrigerants.
- ❖ Marine refrigeration applications line food freezing and cold storage plant.

### Technical Specification

		PETROGULF AB COOL OIL		
ISO GRADE		55	68	100
<b>Test Parameters</b>	<b>ASTM</b>			
Specific Gravity, @ 15 °C	D1250	0.87	0.87	0.86
Kinematic viscosity, @ 40	D445	40-58	61-74	82-103
Flash Point, °C	D92	180	180	184
Pour Point, °C	D97	-42	-39	-30
Water, ppm	D1533	45	45	40
Dielectric Strength, kV	D877	45	45	32
Color	D1500	<0.1	<0.1	<1.0

\*\* These characteristics are typical of current production. Whilst future production will conform to Petrogulf's specification, variations in these characteristics may occur.

### HANDLING, HEALTH AND SAFETY

- ✚ Lubricants consisting of highly refined mineral oils with specific additives under normal conditions of use, 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 of used oil correctly; don't pour down drains, into water courses or the soil.