

## PETROGULF SYNTHETIC COMPRESSOR OIL

### PRODUCT DESCRIPTION

**Petrogulf Synthetic Compressor Oil** series are advanced fully synthetic air compressor lubricants developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors. The synthetic Polyalphaolefin (PAO) base fluids in combination with advanced additive technology provide effective lubrication of equipment working in extreme temperatures and severe operating conditions. These oils are specially designed to provide excellent thermo-oxidative stability and wear protection.

### FEATURES & BENEFITS

- ❖ Excellent oxidation resistance and thermal stability
- ❖ Protects against sludge and deposit formation at high temperature.
- ❖ Protects against rust and corrosion
- ❖ Excellent water-separating properties in two stage compressor intercoolers & dries.
- ❖ Good foam resistance & low carbon-forming tendency
- ❖ The very low conradson carbon residue ensures the low carbon deposit and trouble free performance.

### APPLICATIONS

- ❖ Air compressor with low discharge temperature
- ❖ Rotary sliding vane & screw compressor
- ❖ Compressors used in mobile and stationary applications
- ❖ Recommended for use in ABB Turbo Chargers fitted to low & medium speed diesel engines.

### TYPICAL PROPERTIES

Petrogulf Synthetic Compressor Oil					
ISO Viscosity Grades		15	32	46	68
Properties	Method	Typical Results			
Specific Gravity, 15°C, kg/l	ASTM D 1298	0.810	0.820	0.84	0.85
Flash Point (COC), °C	ASTM D-92	200	240	260	270
Pour Point, °C	ASTM D-97	<-40	<-40	<-40	<-40
Kinematic Viscosity					
cSt @ 40°C	ASTM D-445	15	32	46	68
Viscosity Index	ASTM D-2270	125	130	130	135
Acidity, mg KOH/g	ASTM D 974	0.35	0.35	0.39	0.35
Foam Seq. I, ml	ASTM D 892	Nil	Nil	Nil	Nil

\*\* 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 off used oil correctly; don't pour down drains, into water courses or the soil.
- ❖ Take used oil to an authorized collection point.