

DESCRIPTION

Petrogulf SYN 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
- Good foam resistance & low carbon-forming tendency
- Protects against rust and corrosion
- Excellent water-separating properties
- Protects against sludge and varnish formation
- 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.
- DIN 51506 VDL

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES									
ISO Grade	15	32	46	68	100	150	220	320	460	680
Kinematic Viscosity @40°C, mm ² /s	15.0	32.0	46.0	68.0	100.0	150.0	220.0	320.0	460.0	680.0
Kinematic Viscosity @100°C, mm ² /s	3.65	5.92	8.04	10.79	14.88	19.98	25.8	35.2	45.5	60.5
Viscosity Index	131	131	148	149	155	154	149	156	155	156
Density @ 15°C Kg/L	0.822	0.830	0.838	0.840	0.844	0.848	0.850	0.855	0.859	0.860
Pour Point, °C	<-40	<-40	<-40	<-40	<-40	<-40	<-40	<-40	<-40	<-40
Flash Point (COC), °C	210	238	260	270	274	276	280	290	300	320
Acidity, mg KOH/g	0.35	0.35	0.39	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Foam Seq. I ml/ml	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
II ml/ml	20/0	20/0	20/0	20/0	20/0	20/0	20/0	20/0	20/0	20/0
III ml/ml	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0

**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	15	32	46	68	100
PRODUCT CODE	30703000200	30703000400	30703000600	30703000800	30703001000
	150	220	320	460	680
	30703001100	30703001200	30703001300	30703001400	30703001500

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.