



PRODUCT DATA SHEET

GulfSea Synth Compressor Oil Series

Advanced Synthetic Air Compressor Lubricant

Product Description

GulfSea Synth 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

- Outstanding thermo-oxidative stability and excellent anti-wear protection leads to longer oil and equipment life.
- Low varnish and carbon forming tendency help in reducing maintenance cost.
- Extra high viscosity index coupled with excellent low temperature fluidity makes these oils suitable for use in wide operating temperature range.
- Reduced air separator blocking, and extended maintenance intervals.
- Excellent low volatility characteristics give low oil consumption and reduced top-up rates.
- Improved surface properties results in very good anti-foaming and air release properties and superior demulsibility.
- Offers excellent protection against rust and corrosion.
- Compatible with mineral lubricants and also with seals and paints normally used with mineral oils.
- Approval by Atlas Copco for rotary screw compressors with extended oil change intervals.

Applications

- Single or multiple stage rotary screw or vane, centrifugal compressors and reciprocating compressors of various OEMs including Hydrovane, Atlas Copco, Compare, and Worthington.
- Turbochargers fitted on low and medium speed marine and power generation diesel engines.
- Compressors used in mobile and stationary applications.

Due to continual product research and development, the information contain herein is subject to change without notification. Typical Properties may vary slightly



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Typical Properties

GulfSea Synth Compressor Oil Series			
		46	68
ISO Viscosity grades		46	68
Meets the following Specification			
DIN 51506 VDL		x	x
ISO 6743-3 ISO-L-DAB and ISO-L-DAJ		x	x
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 40 °C, cSt	D 445	46	68
Viscosity Index	D 2270	130	135
Flash Point, °C	D 92	195	195
Pour Point, °C	D 97	<-40	<-40
Density @ 15°C, Kg/l	D 1298	0.84	0.85
Copper Corrosion, 3 hrs @ 100°C	D 130	1b	1b
Acidity, mg KOH/g	D 974	0.39	0.35
Rust Test	D 665 A	Pass	Pass
Foam Seq. I (Tendency / Stability), ml	D 892	Trace / Nil	Trace / Nil

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