



PRODUCT DATA SHEET

GulfSea DE Compressor Oil Series

Advanced Synthetic Air Compressor Lubricant

Product Description

GulfSea DE Compressor Oil series are advanced fully synthetic air compressor lubricants developed for use in reciprocating compressors.

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
- Ash-less formulation ensures no interference with catalytic process as well as excellent filterability by minimizing oil filter blockage in wet condition
- Greatly reduces fire and explosion hazard
- 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, superior Demulsibility and excellent protection against rust and corrosion
- Compatible with various seals materials and paints (e.g. Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon and PBT).
- **NOTE:** Not recommended for use with Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC and ABS.
- Performance meeting / exceeding the following requirement:
 - DIN 51506 VDL

Applications

- **GulfSea DE Compressor Oil 100 & 150** are recommended for lubrication of reciprocating compressors using the following gases:

– Air	– Methane	– Carbon Monoxide	– Hydrogen Sulphide (dry)
– Butadiene	– Hydrogen	– Synthesis Gas	– Sulphur Hexafluoride
– Ethylene	– Nitrogen	– Natural Gas	– Carbon Dioxide (dry)
– Helium	– Propane	– Furnace (crack) Gas	

Nominal operating range is -15°C to 230°C (5°F to 445°F).

Due to continual product research and development, the information contained herein is subject to change without notification.

Typical Properties may vary slightly.



Marine

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Typical Properties

GulfSea DE Compressor Oil Series			
		100	150
ISO Viscosity grades		100	100
Typical Properties			
Test Parameters	ASTM Method	Test Values	
Density @ 20°C	D4025	0.956	0.952
Kinematic viscosity, @ 40 °C, cSt	D445	93.5	152
Pour Point, °C	D97	-34	-33
Flash Point, °C	D92	262	290
Conradson Carbon Residue, %	D189	<0.02	0.02
Demulsibility @82°C, ml oil/water/emulsion (min)	D1401	41/39/0 (25)	41/39/0 (15)

June 2023

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