



# PRODUCT DATA SHEET

## GulfSea DE Compressor Oil Series

*Advanced Synthetic Air Compressor Lubricant*

### Product Description

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

### Features & Benefits

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- 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

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- **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			
		<b>100</b>	<b>150</b>
ISO Viscosity grades		100	150
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)

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