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# Product Data Sheet (PDS)



## GP MARGEN MARINE COMPRESSOR OIL SERIES

**Published By:** Quality

Control Department of  
General Petroleum GmbH

Frankfurt, Germany

**Last Update Date:**

1/8/2023

# GP MARGEN MARINE COMPRESSOR OIL SERIES



Marine Air Compressor Oil specially formulated for all reciprocating air compressors.

## **Product Description:**

GP MARGEN Compressor Oil series are high performance ashless air compressor oils specially designed to meet the stringent requirements of major compressor manufacturers. These oils are formulated with high quality base oils and carefully selected performance additives to provide excellent protection against oxidation degradation, rust & corrosion and foaming & entrained air. The low carbon forming tendency coupled with high FZG rating make these oils suitable for both reciprocating and rotary air compressors. These oils exceed the performance requirements of DIN 51506 VDL and ISO 6743-3:2003 DAA Normal Duty.

## **Features & Benefits:**

- Excellent thermo-oxidative stability controls the formation of sludge & varnish on valves & piston crowns and improves oil life resulting in improved equipment reliability, availability and efficiency.
- Low ash and carbon forming tendency ensures improved valve performance and reduced potential for fires and explosions in the discharge systems.
- Exceptional wear and rust protection results in reduced maintenance costs and longer equipment life.
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency, reduces sludge formation and improves life of coalescers.

## **Applications:**

- Reciprocating air compressors operating with a high discharge temperatures of up to 220°C used in stationary and mobile applications.
- Rotary screw and vane compressors.
- Axial and centrifugal compressors.
- Also used in circulating oil systems, plain and rolling element bearings, lightly loaded gear sets, etc.
- GP MARGEN MARINE Compressor Oil series is not recommended for use in breathing air compressors.

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## TECHNICAL DATA:

GP MARGEN COMPRESSOR OIL Series		
ISO Viscosity grades	100	150
Meets the following Specifications		
DIN 51506 VDL, ISO 6743-3:2003 DAA Normal Duty	X	X
TYPICAL PROPERTIES		
Test Parameters	TEST VALUES	
Viscosity @ 40 °C, cSt	100.1	152.4
Viscosity Index	102	99
Flash Point, °C	232	268
Pour Point, °C	-12	-12
Density @ 15°C, Kg/l	0.865	0.886
Rust Test	Pass	Pass
Conradson Carbon Residue (CCR), %m	<0.01	<0.01
Foam (aft 10 mins of settling - all seq)	Nil	Nil
FZG, fail load stage, minimum	11	11

### Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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

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