



# COMPGUARD FG 100



Date of issue: 21.11.2018

**COMPGUARD FG 100** is an universal compressor oil for high and low temperatures and extreme operating conditions. Compared with conventional products on mineral base, this oil is distinguished by its wide temperature range and high resistance of oxidation.

**COMPGUARD FG 100** is InS H1 registered as lubricant for which an incidental contact with food technically cannot be avoided.

### Special properties

- High load carrying capacity
- Low coefficient of friction
- No corrosion of nonferrous metals up to 100°C
- Neutral towards elastomers and plastics

Product Characteristics	Value	Dimension	Norm / Standard
Colour	clear, transparent		
Density at 20°C	0,84	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	to 160	°C	
Upper operation temperature (temporary)	180	°C	
Oil type	Synthetic Hydrocarbons		
Kinematic viscosity at 40°C	102	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	14,8	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	151		DIN ISO 2909
Pour point	-45	°C	DIN ISO 3016
Flash point	> 270	°C	DIN EN ISO 2592

### Application

**COMPGUARD FG 100** compressor oil is mainly used in reciprocating compressors, as well as for hydraulic and chain lubrication. When being used in compressors, the oil changing intervals are up to 4000 operating hours.

### Packaging units

6 x 5 l canister, 20 l canister, 60 l drum, 200 l drum



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The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.