



COMPGUARD FG 46



Date of issue: 06.04.2023

COMPGUARD FG 46 is a synthetic 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 46 is 2probability 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
- Neutral towards most elastomers and plastics
- No corrosion of nonferrous metals up to 100°C

Product Characteristics	Value	Dimension	Norm / Standard
Colour	colourless, clear		
Density at 20°C	0,83	g/cm ³	DIN 51757
Operating temperature range	to 160	°C	
Operating temperature range short time	180	°C	
Oil type	Synthetic Hydrocarbons		
Kinematic viscosity at 40°C	44	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	7,7	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	144		DIN ISO 2909
Pour point	-55	°C	DIN EN ISO 3016
Flash point	> 250	°C	DIN EN ISO 2592

Application

COMPGUARD FG 46 compressor oil is for universal application in rotary screw compressors, reciprocating and piston 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 canisters, 20 l canister, 200 l drum



#CC1720544



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.

LUBRICANT CONSULT GMBH · Gutenbergstrasse 13 · 63477 Maintal (Germany)
Tel: +49 (0) 6109 / 7650-0 · Fax: +49 (0) 6109 / 7650-51 · E-Mail: webmaster@lubcon.com · Internet: <http://www.lubcon.com>