

Lubricus® GUZCOM M46

Hydrocarbon and Process Gas Compressor Lubricant

Description

Lubricus® GUZCOM M46 is a high performance hydrocarbon/chemical process gas compressor lubricant based on severely hydrocracked, iso-dewaxed base oil. **Lubricus® GUZCOM M46** is formulated with an advanced silicon containing corrosion inhibition additive system developed for extended corrosion protection in acidic environments. The product displays excellent thermal and hydrolytic stability in applications that require extended drain intervals and performance. The stable viscosity and low pour point make the product very effective in applications where temperature extremes are required.

Applications

Lubricus® GUZCOM M46 Gas Compressor Oil is suitable for:

- ✓ Rotary screw compressors
- ✓ Low specific gravity refinery gas applications
- ✓ Sour gas compression
- ✓ Chemical process gas applications

To assure proper lubricant selection, please consult your **Lubricus® Performance Fluids representative.*

Features

- Low dissolved water content
- Ashless formulation
- High viscosity index and low pour point
- Excellent rust and corrosion protection
- Very good thermal and oxidative stability
- Excellent demulsibility
- Excellent lubricity

Benefits

- *Maximum bearing life*
- *Minimal solid formation*
- *Good oil flow and less wear at start up*
- *Improved protection at high operating temperatures*
- *Maximum bearing, cooler and equipment life*
- *Minimal vapor phase oil carryover to downstream equipment*
- *Longer oil life*
- *Longer filter life*
- *Minimize maintenance costs*

Compatibility

Lubricus® GUZCOM M46 Compressor Oil is compatible and miscible with mineral oil and PAO. It is compatible to seal and elastomer materials commonly used in compressors recommended mineral oil.

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TYPICAL PROPERTIES

Criteria	Value	Method
Viscosity cSt @ 40°C	42.1	ASTM D-445
Viscosity cSt @ 100°C	6.4	ASTM D-445
Viscosity Index	101	ASTM D2270
Specific Gravity @ 60°F/15.6°C	0.87	ASTM D-4052
Flash Point, °C / °F	225/437	ASTM D-92
Pour Point, °C / °F	-36/-33	ASTM D-97
Moisture Content, ppm	< 50	ASTM D-1744

Packing Size

Available in 208-L drums or 1,000-L IBC.

Health and Safety

Based on available information, Lubricus® GUZCOM M46 is a non-toxic, non-hazardous product that is not expected to cause any adverse health effects when used as designed. Users are advised to follow the recommendations provided in the SDS.