

# XG 416-100

## Gas Compressor Lubricant

### Product Descriptions

XG 416-100 is a synthetic high performance compressor lubricant developed for use with hydrocarbon gas streams. XG 416-100 dissolves less compressed hydrocarbon gas than other lubricant types allowing it to provide more operating viscosity during operation. XG 416-100 is formulated with an advanced additive system to prevent corrosion and provide wear protection. XG 416-100 displays outstanding thermal, oxidative, and hydrolytic stability in applications that require extended drain intervals and performance. The low pour point and stable viscosity of the product increases effectiveness in applications where high and low temperature extremes are encountered and in refrigeration compressors where return from the evaporator is a concern.

### Applications\*

- Rotary screw and reciprocating compressors
- Hydrocarbon refrigeration compressors
- Natural gas compressors

*\*To assure proper lubricant selection, please consult your Xaerus Performance Fluids representative.*

### Packaging

- 5 US Gallon
- 55 US Gallon
- Totes
- Bulk

### Product Features

- Reduced hydrocarbon solubility
- Extremely high viscosity index and low pour point
- Excellent rust and corrosion protection
- Excellent thermal and oxidative stability

### Potential Benefits

- Improves lubricant film resulting in longer life of compressor parts
- Better oil flow and less wear at start up
- Good oil return from cold side of the refrigeration loop
- Wide operating temperature range
- Minimal vapor phase oil carryover to downstream equipment
- Longer oil life
- Longer filter life
- Minimize maintenance costs

## Physical Properties

Criteria	Value	Method
Viscosity cSt @ 40° C	102.8	ASTM D-445
Viscosity cSt @ 100° C	18.2	ASTM D-445
Viscosity Index	197	ASTM D2270
Moisture, ppm	< 1000	ASTM D-1744
Specific Gravity @ 60°F/15.6° C	0.996	ASTM D-4052
Density, lb/gal	8.30	ASTM D-4052
Flash Point, °F/°C	446/230	ASTM D-92
Pour Point, °F/°C	-44/-42	ASTM D-97
Demulsibility	40/40/0 < 15min	ASTM D-1401
Rust		
▪ Fresh Water Corrosion	Pass	ASTM D-665A

*Notice: Physical Properties are typical of those obtained with normal production tolerances and do not constitute specifications.*

## Health and Safety

Based on available information, XA 101-46 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 MSDS.

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