

PAG WATER INSOLUBLE GAS COMPRESSOR LUBRICANT



DESCRIPTION

PURUS® SYNTHETIC SOLUTIONS PAG WATER INSOLUBLE GAS COMPRESSOR LUBRICANT series is a synthetic high performance compressor lubricant developed for use with hydrocarbon gas streams. The Series dissolves less compressed hydrocarbon gas than other lubricant types allowing it to provide more operating viscosity during operation. This gas compressor series is formulated with an advanced additive system to prevent corrosion and provide wear protection. PURUS PAG Water Insoluble series 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 PURUS Synthetic Solutions representative.

PERFORMANCE BENEFITS

FEATURES:

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

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

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TYPICAL PROPERTIES*

TEST METHOD

ISO GRADE 100

ISO GRADE 150

Viscosity cSt @ 40° C	ASTM D-445	102.8	152.8
Viscosity cSt @ 100° C	ASTM D-445	18.2	28.3
Viscosity Index	ASTM D2270	197	225
Moisture, ppm	ASTM D-1744	< 1000	< 1000
Specific Gravity @ 60°F/15.6° C	ASTM D-4052	0.996	1.01
Density, lb/gal	ASTM D-4052	8.30	8.42
Flash Point, °F/°C	ASTM D-92	446/230	446/230
Pour Point, °F/°C	ASTM D-97	-49/-45	-44/-42
Copper Corrosion, 24 hrs. @ 100°C	ASTM D665	1a	1a
Rust	ASTM D-665	Pass	Pass
• Fresh Water Corrosion	ASTM D-665	Pass	Pass
• Salt Water Corrosion			

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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	5 GALLON PAIL	55 GALLON DRUM	275 GALLON	330 GALLON TOTE
ISO 100	PSS27360	PSS17360	PSS57360	PSS77360
ISO 150	PSS27361	PSS17361	PSS57361	PSS77361