

TECHNICAL DATA SHEET ULTRA CLEAR SYNGAS COMPRESSOR OIL



DESCRIPTION

Ultra Clear SYNGAS Compressor Oil is a full synthetic, PAG (polyalkylene glycol) based, high performance compressor oil developed specially for use with hydrocarbon gas stream. It is formulated with advanced additive package to provide excellent wear protection and to prevent corrosion. It dissolves less compressed hydrocarbon gas thus allowing it to provide better operating viscosity during operation.

Combined with the high-quality synthetic base stock, it provides unparalleled thermal, oxidation and hydrolytic stability especially in operations where extended oil drain is called for. It performs well in applications where high and low temperatures extreme are often encountered.

SUMMARY OF BENEFITS

- Reduced hydrocarbon solubility
- Very high viscosity index and low pour point
- Excellent rust and corrosion protection
- Excellent thermal and oxidative stability
- Strong lubricant film ensuring longer life of compressor parts
- Improves oil flow and less wear at start up
- Wide operating temperature range
- Minimal vapor phase oil carryover
- Longer oil and filter life, reduced maintenance costs
- Miscible with propane

APPLICATIONS

Ultra Clear SYNGAS Compressor Oil is recommended for:-

- Rotary screw compressors
- Reciprocating compressors
- Hydrocarbon refrigeration compressors
- Natural gas compressors
- Propane refrigeration system

TYPICAL CHARACTERISTICS

ULTRA CLEAR SYNGAS COMPRESSOR OIL	TEST METHOD	ISO 100	ISO 150
KINEMATIC VISCOSITY cSt			
@ 40°C	ASTM D445	102.8	152.8
@ 100°C	ASTM D445	18.2	28.3
VISCOSITY INDEX	ASTM D2270	197	225
SPECIFIC GRAVITY @ 60°F/15.6°C	ASTM D4052	0.996	1.01
DENSITY, LB/GAL	ASTM D4052	8.30	8.42
FLASH POINT, °F/°C	ASTM D92	446/230	446/230
POUR POINT, °F/°C	ASTM D97	-49/-45	-44/-42
RUST @FRESH WATER CORROSION	ASTM D665A	Pass	Pass

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

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