

DESCRIPTION

Ultra Clear PAG Compressor is a synthetic polyalkylene glycol (PAG) compressor lubricant developed for use with high specific gravity hydrocarbon gas streams. Ultra Clear PAG Compressor has limited solubility with hydrocarbons allowing the product to be used in applications where other lubricants would be diluted beyond usefulness.

Ultra Clear PAG Compressor is formulated with an advanced additive system suited for acidic environments. The product 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 often encountered.

SUMMARY OF BENEFITS

- Limited hydrocarbon gas solubility – reduced lubricant dilution
- Water soluble at ambient temperatures
- Extremely high viscosity index and low pour point
- Excellent rust and corrosion protection in sour or acidic conditions
- Excellent thermal and oxidative stability
- Exceptional EP/anti wear protection for critical machine components
- Resistance against foam building up
- Good traction coefficients and thermal conductivity – reduced oil temperature
- Longer life of compressor parts such as bearings, cylinders, rings and gears
- Reduces potential of free water – minimizing corrosion during shutdown
- Meet ISO 6743-3 L-DGC (consult the suppliers for different chemical composition that should not be mixed)

APPLICATIONS

Ultra Clear PAG Compressor Oil is recommended for:-

- Reciprocating and screw compressors
- Gas gathering compressors
- Refinery gas applications
- Landfill gas applications
- Vapor recovery units
- Offshore hydrocarbon gas compression
- High pressure reciprocating gas compressors
- Sour gas applications

TYPICAL CHARACTERISTICS

ULTRA CLEAR PAG COMPRESSOR OIL	TEST METHOD	GRADE 8	GRADE 11	GRADE 22
VISCOSITY, cSt				
@ 40°C	ASTM D445	68.6	108.6	161.3
@ 100°C	ASTM D445	12.7	21.35	29.9
VISCOSITY INDEX	ASTM D2270	197	224	228
SPECIFIC GRAVITY				
@ 60°F/15.6°C	ASTM D4052	0.991	1.04	161.3
DENSITY, lb/gal	ASTM D4052	8.26	8.67	8.75
FLASH POINT				
@ °F	ASTM D92	454	473	478
@ °C	ASTM D92	234	245	248
POUR POINT				
@ °F	ASTM D97	-39	-38	-35
@ °C	ASTM D97	-40	-39	-37

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

COMPATIBILITY WITH OTHER PRODUCTS

Ultra Clear PAG Compressor Oil is not compatible with mineral oils and most other synthetic lubricants. It is not generally recommended for systems filled with mineral oils, or PAO lubricants. Check compatibility before topping up or replacing existing oils.

STORAGE INSTRUCTIONS

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 ENVIRONMENT

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 Asia Pte Ltd.