

DESCRIPTION

Ultra Clear EST Compressor 150 is an ester-based full synthetic extremely high-performance compressor lubricant. The main application is in reciprocating and rotary vane compressors where high temperature and high-pressure compression are expected. Ultra Clear EST Compressor 150 is fully compatible with many processes such as hydrotreating, reforming and platforming in refinery operations with improved wear performance. The product is ashless and is formulated with an advanced additive system to prevent corrosion, wear and oxidation at elevated temperatures. The robust additive package allows for excellent wear protection while maintaining a total metal concentration below 100 ppm. Ultra Clear EST Compressor 150 has demonstrated outstanding thermal, oxidative, and hydrolytic stability in applications that require extended drain intervals and high performance. The carefully selected base oil and additive package allow for excellent resistance to solid formation. It has a low pour point characteristics and as a result, increased efficiency in applications where low temperature extremes is often encountered.

SUMMARY OF BENEFITS

- Excellent thermal and oxidative stability
- Extended compressor life, improved efficiency
- Better oil flow and less wear at start up
- Low volatility, wide operating temperature range
- Keeps systems clean due to no sludge formation
- Minimal vapor phase oil carryover to downstream equipment
- Maximum bearing, cylinder, cooler, and equipment life
- Longer oil life and longer filter life
- Minimize maintenance costs

APPLICATIONS

- Rotary Screw Compressors
- Refinery Gas Compression
- Reciprocating compressors
- Rotary Vane Vacuum Pumps

SUITABLE FOR



CRITERIA	VALUE	METHOD
Viscosity cSt @ 40° C	149	ASTM D-445
Viscosity cSt @ 150° C	14	ASTM D-445
Viscosity Index	90	ASTM D-2270
Specific Gravity @ 60°F/15.6° C	0.948	ASTM D-4052
Density, lb/gal	7.93	ASTM D-4052
Water Content, ppm	150	ASTM D-6304
Flash Point, °F/°C	Pending	ASTM D-93
Pour Point, °F/°C	-24/-31	ASTM D-97
Total Acid Number, mgKOH/g	< 0.5	ASTM D-664
Conradson Carbon Residue, % wt	< 0.05	ASTM D-189
Four Ball Wear, mm	< 0.5	ASTM D-4172
Total Metal Content, ppm	< 100 ppm	ICP-OES
Foaming Tend/Stab, mL <ul style="list-style-type: none"> • Sequence I • Sequence II • Sequence III 	Max: 20/0 Max: 50/0 Max: 50/0	ASTM D-892
Copper Strip Corrosion, 24 hrs @ 100CC	Max: 1B	ASTM D-130
Demulsibility 30min @ 82°C	40/36/04	ASTM D-1401

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

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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