



CITGO COMPRESSORGARD® PS FLUIDS

Date 1/09

DESCRIPTION: CITGO CompressorGard PS fluids are premium synthetic blend compressor lubricants formulated with ultra high purity hydrotreated base stocks and a proprietary synthetic component to aid in controlling sludge and deposit formation in compressor applications. CompressorGard PS Fluids are designed specifically for use in compressor applications, but can be used in multi-purpose applications.

- BENEFITS:**
- Resists fluid breakdown caused by high operating temperatures.
 - Improves condensate separator efficiency due to excellent demulsibility.
 - Reduces fluid carryover and make-up oil costs due to low-volatility, ultra high purity hydrotreated mineral oils and synthetic base stocks.
 - Reduces and controls deposits with high performance, ashless additives.
 - Improves equipment reliability by eliminating harmful varnish, sludge and carbon deposits on rotors and separators.

- APPLICATIONS:** CITGO's CompressorGard PS Fluids are designed for use in:
- Rotary Vane, Rotary Screw, and Centrifugal compressors.
 - Hydraulic applications where anti-wear hydraulic oils are called for.
 - Bearing applications.

TYPICAL PROPERTIES:

CITGO COMPRESSORGARD® PS FLUIDS

ISO Viscosity Grade	46	68
Material Code	632481001	632482001
Specific Gravity, 60/60°F	0.885	0.884
Density, lb/gal.	7.37	7.37
Viscosity, ASTM D 445		
cSt at 40°C	44.0	65.18
cSt at 100°C	6.36	8.38
Viscosity Index, ASTM D 2270	97	97
Flash Point, ASTM D 92, °C (°F)	236 (456)	260 (500)
Pour Point, ASTM D 97, °C (°F)	-42 (-44)	-36 (-33)
Color, ASTM D 1500	0.5	0.5
Water Separation, ASTM D 1401	–	40/40/0 <5 min.
Four Ball Wear, ASTM D 4172, mm at 40 kg.	0.48	0.48
Copper Strip Corrosion, ASTM D 130	1A	1A
Rust Protection, ASTM D 665		
DI Water	Pass	Pass
Sea Water	Pass	Pass
Foam Sequence, ASTM D 892, Seq: I, II, III,	Pass	Pass