



CITGO COMPRESSORGARD® SS

Date 1/09

DESCRIPTION: CITGO CompressorGard SS is a semi-synthetic lubricant designed for rotary screw and reciprocating compressors in natural gas service. The thermal and oxidation stability is superior to conventional petroleum products. CITGO CompressorGard SS contains a balanced additive system to inhibit rust and corrosion, reduce bearing wear, minimize foaming, and inhibit the corrosive effects of hydrogen sulfide.

QUALITIES: When compared with conventional petroleum products, CITGO CompressorGard SS offers:

- Low vapor pressure to reduce oil carryover to the compressed gas stream.
- Oxidation and thermal stability to reduce valve deposit formation that in turn lowers the risk of fires and reduces valve maintenance.
- Wide operating temperature range attributable to high viscosity index and low pour point.
- Inhibition against hydrogen sulfide corrosion for longer component life.

CITGO CompressorGard SS is compatible with the same system elastomers and seals as used with petroleum products.

APPLICATIONS: CITGO CompressorGard SS is recommended for use in rotary screw, vane and reciprocating compressors.

TYPICAL PROPERTIES:

CITGO COMPRESSORGARD® SS

ISO Viscosity Grade	150
Material Code	632555001
API Gravity, ASTM D 4052, °API	27.6
Density, lb/gal	7.36
Specific Gravity	0.884
Flash Point, ASTM D 92, °F (°C)	504 (262)
Viscosity, ASTM D 445, cSt at 40°C	154
cSt at 100°C	20.1
Viscosity Index, ASTM D 2270	151
Pour Point, ASTM D 97, °F (°C)	-36 (-38)
Copper Corrosion, ASTM D 130	1A
Four Ball Wear, 1200 rpm	
ASTM D 4172, mm Scar at 40kg	0.45
Rust Test, ASTM D 665	Pass
Foam Test, ASTM D 892	
Sequence I	0/0
Sequence II	10/0
Sequence III	0/0