



CITGO® CompressorGard® SS

OVERVIEW



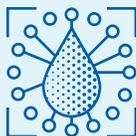
- Semi-synthetic lubricants specially formulated for rotary screw and reciprocating compressors in natural gas service. Recommended where superior thermal and oxidation stability compared to conventional petroleum products is desired. Available in ISO 100, 150, and 220 viscosity grades.

FEATURES & BENEFITS



- Balanced additive system inhibits rust and corrosion, reduces bearing wear, minimizes foaming, and inhibits the corrosive effects of hydrogen sulfide for longer component life.
- Low vapor pressure helps reduce oil carryover to the compressed gas stream.
- Enhanced oxidation and thermal stability to help reduce valve deposit formation, lowering the risk of fires and reducing valve maintenance.
- Wide operating temperature range due to high viscosity index and low pour point.
- Compatible with the same system elastomers and seals as are used with petroleum products.

APPLICATIONS



- Recommended for use in rotary screw, vane, and reciprocating compressors in natural gas service.

PROPERTIES



Typical Properties for CITGO CompressorGard SS:

ISO Viscosity Grade	100	150	220
Material Code	632554001	632555001	632557001
API Gravity, °API ASTM D287	29.41	27.6	29.4
Density, lb/gal	7.33	7.36	7.33
Specific Gravity, 60°/60°F	0.879	0.884	0.879
Flash Point, ASTM D92, °F (°C)	504 (262)	504 (262)	518 (270)
Viscosity			
cSt at 40°C	99	154	227
cSt at 100°C	15.1	20.1	28.85
Viscosity Index, D2270	161	151	166
Pour Point, ASTM D97, °F (°C)	-38 (-39)	-36 (-38)	-17 (-27)
Copper Corrosion, ASTM D130	1B	1B	1B
Four Ball Wear, 1200 rpm, ASTM D4172, mm Scar at 40kg	0.48	0.45	0.33
Rust Test, ASTM D665	Pass	Pass	Pass
Foam Test, ASTM D892			
Sequence I	0/0	0/0	0/0
Sequence II	10/0	10/0	20/0
Sequence III	0/0	0/0	0/0

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