



CLARION® COMPRESSORGARD®

Date 06/12

DESCRIPTION: Clarion CompressorGard oils are designed for hydraulic systems and compressors used in the food service industry. These low-foaming fully synthetic lubricants separate readily from water and offer superior protection against wear, rust and corrosion, and deposits. Available in ISO viscosity grades 32, 46, 68.

QUALITIES: Clarion CompressorGard oils provide outstanding wear, rust and corrosion protection. Their fully synthetic formulations offer excellent oxidation stability and provide long service life. They effectively minimize deposits in the discharge area of rotary screw compressors. Their very low pour point and high temperature stability makes them an ideal choice for a wide temperature range. Clarion CompressorGard oils are formulated with ingredients to meet incidental food contact applications and comply with U.S. FDA regulation 21 CFR 178.3570. Clarion CompressorGard oils are NSF H1 registered lubricants (formerly USDA H1) for use in food processing plants under the jurisdiction and inspection of the USDA.

APPLICATIONS: Clarion CompressorGard oils are recommended for hydraulic systems and rotary screw and vane compressors in meat and poultry processing plants, bakeries and fruit and vegetable processing plants. They are compatible with seal and gasket materials normally used in hydraulic and compressor systems. Clarion Compressorgard 68 provides excellent service in vacuum pump applications.

TYPICAL PROPERTIES:

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ISO Viscosity Grade	32	46	68
Material Code	632545009	632541009	632540009
Gravity, ASTM D 4052, °API	39.4	38.6	37.8
Specific Gravity	0.828	0.832	0.836
Density, lb/gal, 60/60 °F	6.89	6.93	6.96
Viscosity, ASTM D 445, cSt at 40°C	30	44	66
cSt at 100°C	5.7	7.5	10
Viscosity Index, ASTM D 2270	134	136	135
Flash Point, ASTM D 92, °F (°C)	471 (244)	491 (255)	536 (280)
Pour Point, ASTM D 97, °F (°C)	-87 (-66)	-65 (-54)	-65 (-54)
Color, ASTM D 1500	L1.0	L1.0	L1.0
Cu Corrosion, ASTM D 130	1A	1B	1A
Fe Corrosion, ASTM D 665, DI Water	Pass	Pass	Pass
Salt Water	Pass	Pass	Pass
Four Ball Wear, ASTM D 4172B, mm at 40kg	0.35	0.36	0.36
Foaming Resistance, ASTM D 892			
Sequence I, II, III	Pass	Pass	Pass
Carbon Residue, ASTM D 524, mg	0.06	0.06	0.05
FDA 21 CFR 178.3570	✓	✓	✓
NSF Registered	H1	H1	H1