



CLARION® COMPRESSORGARD®

Date 01/10

DESCRIPTION: Clarion CompressorGard is designed for hydraulic systems and compressors used in the food service industry. This low-foaming full synthetic product separates readily from water and offers protection against wear, rust and corrosion. It offers a very low pour point. Available in ISO viscosity grades 32, 46, 68.

QUALITIES: Clarion CompressorGard provides wear, rust and corrosion protection and resists oxidation. It is particularly effective in minimizing deposits in the discharge area of rotary screw compressors. The very low pour point makes it an ideal choice for low-temperature applications.

Clarion CompressorGard is formulated with ingredients to meet incidental food contact applications and complies 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 is recommended for hydraulic systems and rotary screw and vane compressors in meat and poultry processing plants, bakeries and fruit and vegetable processing plants. It is compatible with seal and gasket materials normally used in hydraulic and compressor systems.

TYPICAL PROPERTIES:

CLARION® COMPRESSORGARD®

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)	538 (281)	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	1A	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