

CLARION® CompressorGard®



OVERVIEW



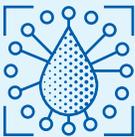
- Designed for air compressors used in the food service industry.
- Separate readily from water and offer superior protection against wear, rust and corrosion, and deposits.
- Available in ISO viscosity grades 32, 46, and 68.
- Do not contain any natural products derived from animals, nuts, or genetically modified organisms (GMOs).
- Suitable for use where vegetarian and nut-free food is prepared.

FEATURES & BENEFITS



- Low-foaming, fully synthetic formula.
- Outstanding wear, rust, and corrosion protection.
- Very low pour point and high-temperature stability -- an ideal choice for a wide temperature range.
- Excellent oxidation stability and long service life.
- Minimize deposits in the discharge area of rotary screw compressors.
- Meet the requirements of U.S. FDA regulation 21 CFR 178.3570 for incidental food contact.
- NSF H1 registered for use in food processing plants under the jurisdiction of the USDA.

APPLICATIONS



- Recommended for rotary screw and vane compressors in meat and poultry processing plants, bakeries, and fruit and vegetable processing plants.
- Compatible with seal and gasket materials normally used in hydraulic and compressor systems.
- Recommended as a hydraulic fluid where extreme temperatures exist.
- ISO 68 grade provides excellent service in vacuum pump applications.

PROPERTIES**Typical Properties for CLARION® CompressorGard®:**

ISO Viscosity Grade	32	46	68
Material Code	632545009	632541009	632540009
Gravity, °API ASTM D4052	39.4	38.6	37.8
Specific Gravity ASTM D1298	0.828	0.832	0.836
Density, lb/gal, 60/60 °F	6.89	6.93	6.96
Viscosity ASTM D445			
cSt @ 40°C	30	44	66
cSt @ 100°C	5.7	7.5	10
Viscosity Index ASTM D2270	134	136	135
Flash Point, °F (°C) ASTM D92	471 (244)	491 (255)	536 (280)
Pour Point, °F (°C) ASTM D97	-87 (-66)	-65 (-54)	-65 (-54)
Color ASTM D1500	L1.0	L1.0	L1.0
Cu Corrosion ASTM D130	1A	1B	1A
Rust Test ASTM D665	Pass	Pass	Pass
Four-Ball Wear, mm, 40kg ASTM D4172	0.35	0.36	0.36
Foam Test ASTM D892			
Sequence I, II, III	Pass	Pass	Pass
Carbon Residue, mg, ASTM D524	0.06	0.06	0.05
FDA 21 CFR 178.3570	✓	✓	✓
NSF Registered	H1	H1	H1

CLARION® and CompressorGard are registered trademarks of CITGO Petroleum Corporation. All other registered trademarks or trademarks are the property of their respective owners. Values shown are typical values only and do not constitute a specification. The information contained herein is subject to change without notice.