

CLARION® Synthetic Refrigeration Fluid



OVERVIEW



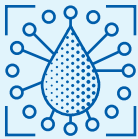
- High-performance refrigeration compressor lubricant formulated to provide outstanding thermal stability and oxidation resistance over a wide range of temperatures.
- Does not contain paraffin wax component to form deposits in expansion valves or capillary area, and is compatible with petroleum-based products.
- Does 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



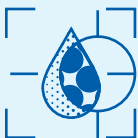
- Outstanding thermal and oxidation stability.
- Outstanding low-temperature performance.
- Compatible with most paints and elastomers used in refrigeration systems.
- Meets the requirements of U.S. FDA regulation 21 CFR 178.3570 for incidental food contact.
- NSF H1 registered for use in food processing plants under the jurisdiction of the USDA.

APPLICATIONS



- Designed for use in rotary screw compressors.
- Recommended for use with many refrigerants, including ammonia, carbon dioxide, chlorofluorocarbons (CFC) such as R-12, hydrochlorofluorocarbons (HCFC) such as R-22, and mixtures such as R-501.
- Not recommended for use with hydrofluorocarbons (HFC) such R-134A.

PROPERTIES



Typical Properties for CLARION® Synthetic Refrigeration Fluid:

ISO Grade	68
Material Code	632552009
Specific Gravity, 60/60°F ASTM D1298	0.835
Density, lb/gal	6.95
Viscosity ASTM D445	
cSt @ 40°C	66
cSt @ 100°C	10
cSt @ -20°C	3,380
cSt @ -40°C	39,000
Viscosity Index, ASTM D2270	137
Flash Point, °F (°C) ASTM D92	510 (266)
Pour Point, °F (°C) ASTM D97	-54 (-48)
NSF Registered	H1
FDA 21 CFR 178.3570	✓

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