clarion

CLARION® SYNTHETIC REFRIGERATION FLUID

Date 09/15

- **DESCRIPTION**: Clarion Synthetic Refrigeration Fluid is a high performance refrigeration compressor lubricant formulated to provide outstanding thermal stability and oxidation resistance. It can be used over a wide range of temperatures. Does not contain paraffin wax component to form deposits in expansion valves or capillary area. This product is compatible with petroleum based products. Clarion Synthetic Refrigeration Fluid does not contain any natural products derived from animals, nuts or genetically modified organisms (GMOs). They are suitable for use where vegetarian and nut free food is prepared.
 - **QUALITIES**: Clarion Synthetic Refrigeration Fluid offer outstanding thermal and oxidation stability compared to mineral oils and offers:
 - · Outstanding low temperature performance.
 - · Compatibility with most paints and elastomers used in refrigeration systems.
 - NSF H1 registered for use in food processing plants under the jurisdiction and inspection of the USDA.
 - Compliance with US FDA regulation 21 CFR 178.3570 for lubricants with the possibility of incidental food contact.
- **APPLICATIONS:** Clarion Synthetic Refrigeration Fluid is recommended for use with many refrigerants, including ammonia, carbon dioxide, Chlorofluorocarbons (CFC) such as R-12 and Hydrochlorofluorocarbons (HCFC) such as R-22 and mixtures such as R-501.

This product is not recommended for use with Hydrofluorocarbons (HFC) such R-134A.

Clarion Synthetic Refrigeration Fluid ISO is designed for use in rotary screw compressors.

TYPICAL PROPERTIES:

CLARION® SYNTHETIC REFRIGERATION FLUID

ISO Grade	68
Material Code	632552009
Specific Gravity, 60/60 °F Density, lb/gal Viscosity, ASTM D 445, cSt at 40°C cSt at 100°C cSt at -20°C cSt at -40°C	0.835 6.95 66 10 3,380 39,000
Viscosity Index, ASTM D 2270 Flash Point, ASTM D 92, °F (°C) Pour Point, ASTM D 97, °F (°C) NSF Registered EDA 21 CEP 178 2570	137 510 (266) -54 (-48)) H1
FDA 21 CFR 178.3570	\checkmark

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