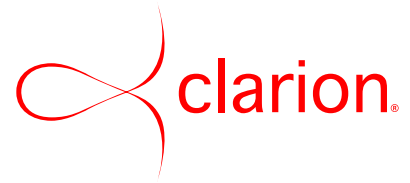


CLARION®

Food Grade FR Fluid



OVERVIEW



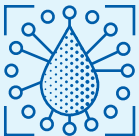
- Food grade water-glycol fire-resistant hydraulic fluid.
- Designed for food process applications such as fryers, ovens, cookers, and others where a fire resistant hydraulic fluid is required or desired.

FEATURES & BENEFITS

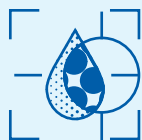


- Very high viscosity index, low pour point, and excellent heat transfer properties allow use over a wide range of applications and operating conditions.
- Demonstrates lower overall system temperatures, thereby providing better system performance.
- Demonstrated lower power consumption resulting in additional energy savings.
- Approved by Factory Mutual under Group 1 (HFC) as a less flammable fluid. Approval number 3021353.
- 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 food process applications such as fryers, ovens, cookers and others where a fire resistant hydraulic fluid is desired.
- **Note:** The water concentration in the fluid must be monitored and adjusted as needed to ensure proper fire resistance properties.

PROPERTIES**Typical Properties for CLARION® Food Grade FR Fluid:**

ISO Grade	46
Commodity Code	632503009
Specific Gravity @ 60°F ASTM D1298	1.06
Density, lbs/gallon	8.84
Color	Water White
Appearance	Slight Haze
Viscosity, cSt at 40°C ASTM D445	46
Pour Point, °C (°F) ASTM D97	-50 (-58)
Flash Point, COC, °C (°F) ASTM D92	None
Copper Corrosion ASTM D130	1A
pH	8.9
Vane Pump Wear Test, mg wear	<25
Rust Test ASTM D665A	Pass
Bulk Modulus, kPa ASTM D6793	2.189×10^6
NSF Registered (Registration Number)	H1 (134001)
FDA, 21 CFR 178.3570	✓

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