

Clarion Food Grade FR Fluid is a premium ISO 46 water-glycol based fire resistant hydraulic fluid designed to provide optimum performance in hydraulic systems in applications where a product with NSF H-1 certification is required or desirable. This product has demonstrated in stringent testing the ability to “snuff out” ignition that can occur when a pressurized hydraulic leak comes into contact with a high temperature source.

QUALITIES

- Approved by Factory Mutual under Group 1 (HFC) as a less flammable fluid. Approval number 3021353.
- NSF H-1 (formerly USDA H-1) registered for use in food processing plants under the jurisdiction and inspection of the USDA.
- Demonstrates lower overall system temperatures thereby providing better system performance.
- Demonstrates lower power consumption resulting in additional energy savings.
- Meets requirements of US Food and Drug Administration (USFDA) regulation 21 CFR 178.3570 for incidental food contact (may not exceed 60 ppm).

APPLICATIONS

- Designed for food process applications such as fryers, ovens, cookers and others where a fire resistant hydraulic fluid is desired.
- Very high Viscosity Index, low pour point and excellent heat transfer properties allow usage over a wide range of applications and operating conditions.

Note: As true with other water-containing fluids, the fluid should be monitored to ensure proper fire resistant properties.

CERTIFICATIONS

NSF H-1 - Listed in “NSF Registered Proprietary Substances and Nonfood Compounds.”

These products are authorized for use under USDA Inspection and Grading Programs.

