

VESTAN FR FLUID



LUBRICATION



Fire-resistant, water-glycol food-grade hydraulic fluid

APPLICATIONS

Hydraulic systems used near fire sources in food plants

- **VESTAN FR FLUID** is a high-performance synthetic water-polymer, fire-resistant hydraulic fluid.
- It may be used in hydraulic circuits that regulate furnaces, continuous casting unit or heat-treat ovens in quenchin operations. It is used in high fire-risk areas. Recommended operating temperature range is from -20 C to 60 C.

SPECIFICATIONS

International and OEM specifications

- Denison HF-4
- ISO 12922 HFC, ISO 6743/4 CATEGORY HFC
- US Steel 171
- USDA H-1 quality fluid

ADVANTAGES

Long service life and high operating reliability in food plants

- Excellent anti-wear performance, insuring a log life of the equipment.
- Excellent fire resistance due to high water content
- Very good corrosion protection, air release and anti-foam properties
- Non-toxic and may be used where incidental food contact may occur
- Good filterability permits fine filtration
- Good compatibility with most other water-glycol based hydraulic fluids
- Dyed red for easy identification

TYPICAL CHARACTERISTICS—VESTAN FR FLUID

Color, visual	Clear colorless fluid
Viscosity at 40°C, cSt ASTM D 445	46
Specific Gravity @ 60/60°F ASTM D 1298 (lbs/gal)	1.06 (8.83 lbs/gal)
Flash Point, COC, °F (°C) ASTM D 92	Fire resistant-NA
Freezing point °F (°C) ASTM D 1177	-58 (-50)
pH at 20 C	9.5
Water content by weight %, minimum	40
Reserve alkalinity ASTM D 1121	14.0

OTHER INFORMATION

Not compatible with mineral oil-based hydraulic fluids and/or system components (check seal compatibility). Apply an appropriate cleaning of the hydraulic system when converting to this fluid (ask for instructions). Maintain proper water content to maintain fire resistance.

TOTAL Lubricants USA Southwest

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Vestan FR Fluid
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