



Technical Product Information

FLAMEPROOF 200

Product Description: FLAMEPROOF 200 fire resistant hydraulic fluid is a water/glycol based hydraulic fluid, which contains no nitrites and therefore should contain no nitroamines. The water contained in this fluid makes it less susceptible to spray or mist ignition associated with industrial hydraulics. FLAMEPROOF 200 is compatible with most of the elastomeric sealing and packing material, such as natural rubber, SBR, Viton, Butyl, Nitrile, EPR, and Neopreme. Materials that are incompatible, such as leather, cork, untreated cotton or cellulose, should be replaced.

FLAMEPROOF 200 fire resistant hydraulic fluid is designed to meet the demands of today's modern high pressure hydraulic systems. The proprietary inhibitors in this product protect the entire hydraulic system against wear and corrosion damage. FLAMEPROOF 200 excels in die casting and foundry applications.

Features:

- No flash or fire point. Maximum safety.
- FLAMEPROOF 200 has a flash of 250° F... only after the water is boiled away.
- Outstanding corrosion protection to common metals in both liquid and vapor phases.
- Superior lubricating properties.
- Meets factory mutual requirements for less hazardous fire resistant hydraulic fluids.
- Diethanolamine free!
- Good hydraulic pump wear protection.

Typical Uses:

- Industrial applications, casting, forging, steel mills, underground mining and off-shore oil drilling.
- Hydraulic systems under pressure or near open flames or in high temperature areas.
- Compatible with all water-glycol hydraulic fluids in any proportion.

Typical Specifications:

PARAMETERS

TYPICAL RESULTS

Gravity Specific 60° F.	1.08
Flash Point, °F.	None
Pour Point, °F.	-50
Viscosity, SUS @ 100° F.	218
Viscosity, cSt. @ 40° C.	43.40
Viscosity Index	225
PH.	9.6
Color	Red
Appearance	Bright & Clear
Density, Lbs./Gal.	9.05
Wear ASTM	Vickers 104C-10 Vane Pump
Equipment	1200 rpm
Pressure	2000 psi (14 kg/cm ²)
Temperature	150° F. (60° C.)
Total Ring and Valve Loss	Less than 50 milligrams.

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.