

# HYDRAULIC SAFETY FLUIDS

## Fire Resistant Hydraulic Fluid



### Features

- Factory Mutual approved
- Outstanding fire resistance
- Available in 2 formulations

### Benefits

- Excellent lubricity and wear protection
- Excellent stability and oxidation resistance
- Wide temperature range

**HYDRAULIC SAFETY FLUIDS** are non-explosive hydraulic fluids with a high degree of fire resistance, for use where there are potential sources of ignition. These fluids have been formulated to resist combustion while providing excellent wear, corrosion and rust protection. Note: these fluids should not be thought of as “nonflammable” but more correctly, fire-resistant.

**HYDRAULIC SAFETY FLUID Water Glycol** is a water-glycol mix that can be used at temperatures as low as -40°C and as high as 50°C. At higher temperatures, evaporation of the water phase will cause the fluid to thicken rapidly. This can be countered by frequent monitoring and adding de-ionized water as necessary. It is non-toxic and can be disposed of very easily however you should always adhere to local regulations. It has excellent lubricity and provides good wear protection for maximum pump life as long as boundary conditions are avoided. Its resistance to oxidation and its stability give the fluid a long life. It can be filtered, which is essential to pump life, using most media except Fuller’s Earth. It is compatible with all common seal materials however it will react with certain metals and care should be taken to ensure the system and its filters do not have components that use Zinc, Lead or Aluminum Unanodised.

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## Typical performance results

NAME	WG
COLOUR	RED
VISCOSITY (D-445) cSt @ 40°C	39
POUR POINT (D-97) (°C)	-51
FLASH POINT (D-92) (°C)	NONE
Ph	9-10
DENSITY @ 15 °C water content =36%	1.08
ALUMINUM, UNANODISED	NC
ALUMINUM, ANODISED	C
BRASS, COPPER	C
BRONZE	.
FERROUS METAL	C
LEAD	NC
ZINC	NC
BUNAN	C
BUTYL	C
E.P.R	C
NEOPRENE	C

## Available sizes & part numbers

	18.9L Pail (5.0 US gal)	Bulk
Hydraulic Safety Fluid	F0087440	B0000301

Check with sales representative or website for the latest product approvals.



Lubricants

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