

HYDRAULIC SAFETY FLUID WG

Fire Resistant Hydraulic Fluid



Features & Benefits

- Factory Mutual approved
- Outstanding fire resistance
- 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 is a water-glycol (WG) 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 non-anodized Aluminum.

Sizes & Order Codes

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

Typical Results

NAME	Hydraulic Safety Fluid WG
COLOUR	RED
VISCOSITY (D445) cSt @ 40°C	39
POUR POINT (D97) (°C)	-51
FLASH POINT (D92) (°C)	NONE
Ph	9-10
DENSITY @ 15 °C water content =36%	1.08
ALUMINUM, UNANODISED	NC
BRASS, COPPER	C
FERROUS METAL	C
LEAD	NC
ZINC	NC
BUNAN	C
BUTYL	C
E.P.R	C
NEOPRENE	C



Blending & Packaging

www.irvingblend.com
1.800.574.5823

Supporting data available to demonstrate appropriate performance.
Check with your Sales Representative for latest product approvals.
Please note, these are typical performance indicators and can change without notice.
This data sheet supersedes any previous version prior to 5/25/2018