

# Hydraulic Safety Fluid WG

## Fire Resistant Hydraulic Fluid



### Features & Benefits

- Meets Factory Mutual requirements for a less hazardous fluid
- Outstanding fire resistance
- Excellent lubricity and wear protection
- Excellent stability and oxidation resistance
- Wide temperature range

### Typical Results

Test Method	Hydraulic Safety Fluid WG
APPEARANCE	Clear red fluid
pH	9.5
VISCOSITY @ 40°C (D445) (cSt)	38
POUR POINT (°C)	-46
SPECIFIC GRAVITY 15/15°C	1.08
Vickers V-104-C Pump Test (D2882)	Hydraulic Safety Fluid WG
TEST PERIOD (hrs)	100
DISCHARGE PRESSURE (psi)	2000
FLUID TEMPERATURE (°C / °F)	66 / 150
PUMP SPEED (rpm)	1200
OUTPUT VOLUME (Liters/min) / (Gal/min)	28.4 / 7.5
CAM RING WEAR (mg)	29.4
VANE SET (12) WEAR (mg)	2.4

### Sizes & Order Codes

Size	Hydraulic Safety Fluid WG
18.9L / 5.0 US gal	F0087440
205 L / 54.2 US gal	F0087450

**Hydraulic Safety Fluid WG** is a high-quality water-glycol (WG) fire-resistant hydraulic fluid developed to offer optimal safety where equipment is close to open flames and in elevated temperature settings.

**Hydraulic Safety Fluid WG** is formulated to resist combustion while providing excellent lubricity, wear, corrosion and rust protection for industrial hydraulic systems.

**Hydraulic Safety Fluid WG** offers a low pour point to provide excellent cold weather stability for use in conditions as low as -40°C. In high-temperature areas where fire hazards are present, evaporation of the water can happen, causing the fluid to thicken rapidly. This can be countered by frequent monitoring and adding de-ionized water, as necessary.

**Note:** This fluid should not be considered “non-flammable” but rather “fire-resistant.”



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