



## HYDROL HFC FIRE RESISTANT HYDRAULIC OIL

### PRODUCT DESCRIPTION:

HYDROL HFC is a water-glycol-based hydraulic fluid offering improved fire resistance while ensuring optimal equipment protection under severe service conditions. Specifically designed for hydraulic systems using vane, gear, and piston pumps, it is ideal for industries such as steel, aluminum, and die-casting. HYDROL HFC is highly shear stable, providing enhanced corrosion resistance, excellent seal compatibility, and superior pump lubrication, all of which contribute to extended equipment service life.

### APPLICATION:

- Hydraulic systems utilizing vane, gear and piston hydraulic pumps
- Hydraulic and oil circulation systems operating in conditions subject to fire hazards

### FEATURES & BENEFITS:

- Inherent resistance to fire hazards
- Excellent anti-wear properties helping to extend component life
- Long fluid life due to high oxidation resistance

### PERFORMANCE LEVELS: Meets or Exceeds:

- ISO L-HFC (ISO/DIS 12922)
- FM Global Standard 6930

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	HYDROL HFC	
ISO VG			46	68
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	46	68
Viscosity Index	ASTM D2270	-	195	196
Pour Point (max)	ASTM D97	°C	-39	-39
pH	D1287	-	9	9
Flash Point	ASTM D92	-	Nil	Nil
Water Content	ASTM D6304	-	40	40

**DISCLAIMER:** The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [Phoenixlubricants.com](http://Phoenixlubricants.com)