



HYDRON HFC

PRODUCT DESCRIPTION:

HYDRON HFC water glycol hydraulic fluid offers a significant advancement in hydraulic technology by providing improved fire resistance for equipment operating under extreme conditions. Specifically formulated for systems utilizing vane, gear, and piston hydraulic pumps in industries such as steel, aluminum, and die-casting, this fluid boasts enhanced shear stability, corrosion resistance, and seal compatibility. Its superior lubrication properties not only protect pumps but also contribute to prolonging equipment lifespan, making it a valuable choice for industrial applications.

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	HYDRON 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 is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent 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 www.bravoil.ae

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.bravoil.ae

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.