

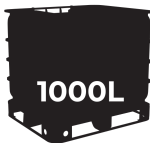
HYDRATEC WG 46 HFC

Product Code: FIRE003 | **Revision:** 20240819



Water glycol HFC type fire resistant hydraulic fluid.

Available Pack Sizes



Applications

A water based hydraulic fluid for use in hazardous environments where leakage of conventional oil based, pressure transfer media would present a serious fire hazard. The viscosity meets typical ISO 46 requirements and can therefore be used in a wide variety of hydraulic equipment.

Recommended by Aztec Oils as suitable for the following applications

Typical applications include, pressure diecasting machines, injection moulding machines, furnace tilting equipment, forging and extrusion presses, welding plant fixtures, regulators and controls, glass forming machines, ingot manipulators, fork lift trucks and cranes. When converting from alternative hydraulic fluids full flushing of the system is advised.

A stable ratio between water and glycol must be ensured as changes in viscosity may result due to the evaporation of water at high temperatures. Not suitable where cadmium or zinc coatings (unless passivated) and aluminium should be hard anodised. Aluminium rubbing contacts should be avoided.

Benefits

- Excellent anti-wear and corrosion prevention properties.
- Good lubricity to assist and extend pump/component life.
- High viscosity index allows the fluid to be used in applications with a wide temperature range.
- Suitable for use with a variety of paints and coatings.
- Very good seal compatibility including synthetic rubber and packings such as Butyl, EPR, Viton, Teflon, Nylon, Silicone, Buna, Neoprene and Natural Rubber.

Typical Test Data

Appearance		Pink
Density @ 15°C (kg/m ³)	ASTM D4052	1.08
Flash Point (°C)	ASTM D92	N/A
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	46
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	9.4
Pour Point (°C)	ASTM D97	-50
Viscosity Index	ASTM D2207	194

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

Health, Safety & Recommendations

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.



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Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at www.aztecoils.co.uk.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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