

# AZTEC OILS LTD

## Water Glycol Hydraulic Fluid

### General description

This product conforms to CETOP classification HFC. It is designed to provide optimum fire resistance whilst retaining the performance capabilities demanded of high quality products utilised in modern hydraulic equipment. It is formulated to snuff out ignition which could occur through sudden line rupture adjacent to a heat source. In addition, a precise additive balance assures the necessary stability, anti-corrosive, anti-wear and lubricating properties for long service life. Further advantages include high-viscosity index, low pour point and excellent heat transfer.

### Applications

Aztec Water Glycol Hydraulic Fluid is recommended for use in all types of hydraulic pumps and motors operating close to a source of ignition, providing that the manufacturers instructions are observed. Typical applications include die casting machines, presses, combustion regulators, furnace door openers, ladle-tilting mechanisms and glass drawing machinery.

Aztec Water Glycol Hydraulic Fluid is compatible with packings, gaskets, hoses and accumulators normally found in hydraulic systems, except items made from polyurethane, leather and cork materials. Aztec Water Glycol Hydraulic Fluid should not be mixed with other types of fluids. While it is compatible with other brands of HFC water glycol products, admixtures may detract from it's properties.

### Fire resistant Properties

The fire-resistant properties of Aztec Water Glycol Hydraulic Fluid derive from it's water content. Even when sprayed at a pressure of 200bar from a diesel injector nozzle into a gas flame, it will not ignite, nor will it when dropped onto molten metal. It is important to note that for effective fire resistance the water content must be kept above 35% volume.

Physical properties (for a fluid of 42% volume water)

<b>Test</b>	<b>Method</b>	<b>Unit</b>	<b>Typical Value</b>
Kinematic viscosity			
0oC	IP 71	cSt	279
21oC	IP 71	cSt	105
38oC	IP 71	cSt	53.9
50oC	IP 71	cSt	35.0
60oC	IP 71	cSt	28.0
VI(E)	IP 266		210
Pour point	IP 15	oC	-51
Specific gravity @ 15oC		g/ml	1.080
pH			9.2

**Health & Safety** Please refer to the relevant health & safety data sheet, a copy of which is freely available to all of our customers