

## HYDRATEC HVI 46

**Product Code:** HYD009 | **Revision:** 20240819



Premium high viscosity index anti-wear hydraulic fluids.

### Available Pack Sizes



### Applications

Manufactured from a blend of solvent refined mineral oils, viscosity index improver and multipurpose additive technology. Exhibit excellent oxidation resistance lowering the possibility of gums and lacquers. HVI hydraulic oils are engineered to maintain viscosity control over wide temperature in a range of different applications requiring a uniform hydraulic oil, including machinery operating under very high pressures with vane pumps.

### Recommended by Aztec Oils as suitable for the following applications

Denison HF-0, HF-1, HF-2  
DIN 51524 Part III HVLP  
ISO 11158 Type HV  
ISO 6743-4 Type HV

### Benefits

- Excellent water separating characteristics to minimise emulsions.
- Good anti-foam and air release properties.
- Good thermal stability minimizes varnish and sludge deposits.
- High viscosity index to give performance over a wide temperature range & offer energy savings.
- Outstanding anti-wear & anti-oxidant properties.
- Superb hydrolytic stability.
- Superior performance over standard HM hydraulic fluids.

### Typical Test Data

Appearance		Straw/light amber liquid
Density @ 15°C (kg/m <sup>3</sup> )	ASTM D4052	0.87
Flash Point (°C)	ASTM D92	>180
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	46
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	8.2
Pour Point (°C)	ASTM D97	<-25
Viscosity Index	ASTM D2207	150

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

- A Safety Data Sheet is available for consultation at [www.aztecoils.co.uk](http://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.

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.