

## HYDRATEC HM 46

**Product Code:** HYD019 | **Revision:** 20220322



Mineral oil based anti-wear hydraulic fluid.

### Available Pack Sizes



### Applications

High performance anti-wear hydraulic fluid designed and developed to be used in industrial power transmission and control systems. It incorporates ZDDP additives to offer greater anti-wear characteristics, oxidation resistance and corrosion protection.

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

AFNOR NF E 48-603  
Denison HF-2  
DIN 51524 Part II HLP  
Eaton (Vickers) 1-286-S  
ISO 6743-4 HM  
SEB 181222  
US Steel 127

### Benefits

- Good resistance to oxidation.
- Excellent anti-wear characteristics.
- Outstanding corrosion protection.
- Suitable for most hydraulic power transmission systems where reciprocating or rotary fluid pumps are used.
- Superb hydrolytic stability.
- Wide range of viscosities available to suit all requirements.

### Typical Test Data

Appearance		Straw/light amber liquid
Density @ 15°C (kg/m <sup>3</sup> )	ASTM D4052	0.86
Flash Point (°C)	ASTM D92	>200
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	46
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	6.8
Pour Point (°C)	ASTM D97	<-25
Viscosity Index	ASTM D2207	100

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.