

HYDRATEC HM 46

Product Code: HYD019 | **Revision:** 20251014



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-1
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 ³)	ASTM D4052	0.86
Flash Point (°C)	ASTM D92	>200
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	46
Kinematic Viscosity @ 100°C (mm ² /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

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.

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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