

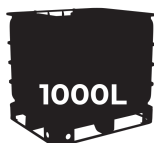
HYDRATEC AF 46

Product Code: HYD001 | **Revision:** 20260505



High-quality mineral oil based ash free hydraulic oil.

Available Pack Sizes



Applications

A high-quality, ashless hydraulic oil manufactured from highly refined mineral base oils and advanced additive technology to deliver excellent oxidation resistance, anti-wear protection and anti-foam performance. Its zinc and ash free formulation minimises sludge formation, promotes rapid water separation and reduces the risk of gum and lacquer deposits. Suitable for use in rotary, vane, axial piston and gear pumps, as well as in bearings and circulating systems, the fluid offers excellent ageing stability and is compatible with all common system metals, including silver. Ideal for thermally stressed systems or environments where contamination with metalworking emulsions may occur and can contribute to reduced maintenance requirements and lower waste treatment costs.

Recommended by Aztec Oils as suitable for the following applications

AFNOR NF E 48-603
Cincinnati P70
DIN 51517 Part II
DIN 51524 Part I & II
Parker-Denison HF-0, HF-1, HF-2

Benefits

- Ashless (zinc free) anti-wear additive technology.
- Enhanced oxidation resistance to support consistent oil life under normal operating conditions.
- Excellent anti-wear performance for reliable protection of pumps & hydraulic components.
- Formulated to control foaming & promote rapid air release.
- Good thermal stability, helping maintain clean operation under elevated temperatures.
- Provides effective protection against rust & corrosion.
- Strong demulsibility, promoting efficient water separation.

Typical Test Data

Appearance		Straw/light amber liquid
Copper Corrosion	ASTM D130	1B
Density @ 15°C (kg/m ³)	ASTM D4052	0.856
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.

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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