

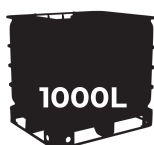
HYDRATEC HVI 100

Product Code: HYD040 | **Revision:** 20260427



Premium mineral oil based multigrade hydraulic oil with high viscosity index & effective anti-wear protection.

Available Pack Sizes



Applications

Formulated from a blend of solvent refined mineral base oils, shear-stable viscosity index improvers and ZDDP anti-wear technology, this multigrade hydraulic oil delivers effective anti-wear protection and good thermal stability. Designed for high-pressure hydraulic systems, including vane, piston and gear pump applications, it maintains stable viscosity characteristics across a wide operating temperature range, supporting dependable cold start and high-temperature operation. Suitable for industrial, agricultural and off-highway equipment, it offers good oxidation resistance to help minimise deposit formation, supporting consistent service life and reduced maintenance in demanding operating conditions.

Recommended by Aztec Oils as suitable for the following applications

DIN 51524 Part III (HVL)
ISO 11158 Type HV
ISO 6743-4 Type HV
Parker-Denison HF-1, HF-2

Benefits

- Effective hydrolytic stability, helping maintain clean system performance in the presence of moisture.
- 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.
- High viscosity index providing stable performance across a wide temperature range & helping to reduce energy losses.
- Provides effective protection against rust & corrosion.
- Stable viscosity characteristics across a wide operating temperature range, supporting dependable cold start performance & high-temperature operation.
- Supports reliable cold start performance & high-temperature operation across a wide operating temperature range.

Typical Test Data

Appearance		Straw/light amber liquid
Copper Corrosion	ASTM D130	1B
Density @ 15°C (kg/m ³)	ASTM D4052	0.87
Flash Point (°C)	ASTM D92	>180
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	100
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	14.5
Pour Point (°C)	ASTM D97	<-25

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.

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.
- 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.