

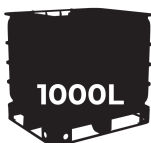
HYDRATEC BIOSYN-ES 46

Product Code: HYD024 | **Revision:** 20250507



Biodegradable synthetic HEES type hydraulic fluid.

Available Pack Sizes



Applications

A range of high performance, synthetic hydraulic fluids based on advanced ashless anti-wear and ester technology that provides excellent environmental and low temperature properties. The fluids function well as a replacement for mineral based hydraulic oils, particularly where spillage or loss to waterways and reservoirs is inevitable.

Recommended by Aztec Oils as suitable for the following applications

DIN 51524 Part II & III
ISO 6743-4 HEES
ISO 15380 HEES

Benefits

- Compatible with mineral oils.
- Exceptional low temperature performance.
- High viscosity index promoting a wide operating temperature range.
- Low toxicity & readily biodegradable - enhanced environmental benefits.
- Superior oxidation and thermal stability promoting long service intervals.
- Utilises ashless anti-wear technology.

Typical Test Data

Appearance		Straw/light amber liquid
Density @ 15°C (kg/m ³)	ASTM D4052	0.92
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	9.3
Readily Biodegradable	OECD 301	>70%
Pour Point (°C)	ASTM D97	<-40
Viscosity Index	ASTM D2207	>180

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.