

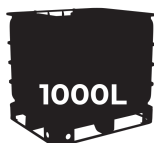
HYDRATEC BIO-TG 22

Product Code: HYD003 | **Revision:** 20260422



Vegetable oil based, ashless anti-wear biodegradable hydraulic fluid.

Available Pack Sizes



Applications

A high-quality biodegradable hydraulic oil formulated from naturally derived esters to provide excellent environmental compatibility without compromising protection or reliability. Classified as Hydraulic Environmental Triglycerides (HETG), this ashless, zinc-free fluid is designed for use in industrial, horticultural and select earth-moving equipment operating in environmentally sensitive areas where leaks, spills or system losses may contaminate soil or water. It offers strong anti-wear protection, high film strength and naturally high lubricity. The advanced formulation also provides resistance to oxidation, corrosion, foaming and wear, while a low pour point ensures reliable performance during cold starts.

Recommended by Aztec Oils as suitable for the following applications

DIN 51524 Part III
ISO 6743-4 HETG
ISO 15380 HETG
Mixing with mineral based hydraulic fluids will reduce biodegradability and overall environmental performance. Not recommended for use in hydrostatic transmissions.

Benefits

- Compatible with mineral oils.
- Formulated with ashless anti-wear technology, helping to minimise deposit formation & maintain system cleanliness.
- Good resistance to oxidation, helping to maintain fluid stability & extend service life.
- Naturally high viscosity index, supporting stable viscosity across a wide operating temperature range.
- Readily biodegradable in accordance with OECD 301 test series, supporting reduced environmental impact.

Typical Test Data

Appearance		Straw/light amber liquid
Biodegradability	OECD 301	>98%
Density @ 15°C (kg/m ³)	ASTM D4052	0.91
Flash Point (°C)	ASTM D92	>250
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	22
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	5.6
Operating Temperature Range (°C)		-10 to +60
Pour Point (°C)	ASTM D97	-25
Viscosity Index	ASTM D2207	213

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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