HYDRO GREEN HV 46

100% synthetic biodegradable hydraulic fluid

USES

Recommended for hydraulic systems which require biodegradable oil or where an environmentally-friendly hydraulic fluid is specified. Prevents contamination of aquatic life and soil. Suitable for a wide range of uses: agriculture, construction, forestry, marine equipment (canal hydraulic lock controls), leisure activities (mountain, sports field maintenance, golf courses, etc.).

Specifications: Synthetic ester (HEES type fluid); ISO 6743/4 cat. HV 46

MAIN PHYSICAL DATA

	Methods	Units	HV46
Density at 20°C	ASTM D4052	kg/m^3	915
Kinematic viscosity at 40°C	ASTM D445	mm^2/s	46
Kinematic viscosity at 100°C	ASTM D445	mm^2/s	9.3
Viscosity index	ASTM D2270		190
Pour point	ASTM D97	°C	-45
Cleveland Open Cup Flash Point	ASTM D92	°C	290
Biodegradability (OECD 301B)		mPa·s	>60

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

► Formula based on renewable ester, providing optimal performance and extended service life (better stability than vegetable-based oils) while also being environmentally friendly.

► High level of biodegradability and use of non ecotoxic components. The formula has been tested to ensure it is not ecotoxic to algae, daphnia or fish (OECD standards 201, 202 and 203).

► High viscosity index and low pour point mean it can be used over a wide range of temperatures.

► Compatible with mineral and vegetable hydraulic fluids.

► Excellent anti-oxidant, anti-corrosion and anti-wear properties for enhanced protection of hydraulic systems.

PRECAUTIONS FOR USE

Storage: We recommend you store this product indoors to prevent it being contaminated with water.

Use: Make sure the equipment is compatible with HEES type hydraulic fluids (type of seals, type of materials, filtration parts, paint, etc.).

When in service, we recommend you drain water from the system on a regular basis.
The fluid drain interval depends on the type of equipment and on what the fluid is used for. Test and analyse the fluid regularly over its service life and follow the manufacturer's recommendations.

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Always consult the owner's manual to check the recommended viscosity grade and specifications for your vehicle.