



HYDRO GREEN HV 46

100% synthetic ester-based hydraulic fluid

USES

Recommended for hydraulic systems when the use of a biodegradable oil is required or to preserve the environment.

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 fluid type); 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 (OCDE 301B)			%	>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 fluids) while meeting the criteria required for environmentally friendly products.
- ▶ High level of biodegradability and use of non-ecotoxic components. Tested for non-ecotoxicity towards algae, daphnia, and 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 to drain water from the system on a regular basis.

Drain: 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.

