HYDRO GREEN SAT46

100% synthetic biodegradable hydraulic fluid, saturated ester based.

USES

Saturated synthetic ester based (HEES-S) high-quality biodegradable hydraulic fluid. Recommended for use in hydraulic systems with extended oil change intervals which require biodegradable fluids or where the use of biolubricants is preferable to avoid the risk of environmental pollution.

Uses: water (lock controls, etc.), construction (extraction, construction, earthmoving equipment), mountain (ski lifts, etc.), forestry and agriculture.

Specifications:

ISO 6743/4 HV 46; AFNOR NF E 48-602 HV 46

MAIN PHYSICAL DATA

	Methods	Units	SAT46
Density at 20°C	ASTM D4052	kg/m^3	927
Kinematic viscosity at 40°C	ASTM D445	mm^2/s	46
Kinematic viscosity at 100°C	ASTM D445	mm^2/s	8
Pour point	ASTM D2270		146
Pour point	ASTM D97	°C	-30
Cleveland Open Cup Flash Point	ASTM D92	°C	<230
Biodegradability (OECD 301B)		mPa·s	>75

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

PROPERTIES & ADVANTAGES

► Based on saturated synthetic esters for better performance and a longer service life (more stable than vegetable-based or unsaturated ester based fluids).

► Biodegradability and low toxicity: proven environmentally-friendly formula safe for seaweed, daphnia, fish (OECD tests 201, 202 and 203).

► Excellent compatibility with elastomers (NBR, FPM, AC 6, AU).

► Very good anti-resistance and filtration properties.

► Compatible with most saturated ester based and unsaturated ester based mineral, vegetable and synthetic hydraulic fluids.

PRECAUTIONS FOR USE

Storage: Indoor storage recommended to prevent the product from coming into contact with water and humidity.

Use: Make sure the equipment is compatible with HEES-S type hydraulic fluids (type of seals, type of materials, filtration parts, paint, etc.). In service, regularly remove water from the circuit. Fluid change intervals depend entirely on the equipment and use. Regularly carry out control analyses 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.