



HYDRO ESTER SAT46

100% synthetic hydraulic fluid,
saturated ester based.

USES

Saturated synthetic ester based (HEES-S) high-quality hydraulic fluid. Recommended for use in hydraulic systems with extended oil change intervals.

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

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).
- ▶ 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.

