

Product information

No. 33863000

BIO-Hydrauliköl HEES 32-S

EU Ecolabel: DE/027/080



KAJO-BIO Hydraulic oil HEES 32-S is based on fully saturated synthetic and easily biodegradable esters and an efficient, environmentally friendly combination of additives. These additives provide excellent properties regarding oxidation stability, corrosion, EP- and low temperature behaviour.

In comparison to products based on vegetable triglycerides and unsaturated esters **KAJO-BIO Hydraulic Oil HEES 32-S** offers a better oxidation stability at high temperatures.

KAJO-BIO Hydraulic oil HEES 32-S meets with all technical minimum requirements according to VDMA 24568 and ISO 15380.

KAJO-BIO Hydraulic oil HEES 32-S is marked with the Ecolabel of the European Union, registration no. DE/027/080. Apart from the

technical requirements, this regulation stipulates the part of renewable raw materials.

Practical advantages:

KAJO-BIO Hydraulic oil HEES 32-S is used in all areas prone to hydraulic fluid leaking into the ground or waste water. This includes all installations operating in or near areas of water purification or water protection or near surface water, such as e.g.

- sewage plants
- dredging ships and floating dredges
- lock hydraulics and river weirs
- pipe and tunnel diving machines
- hydraulic aggregates in forests and on plains
- earth moving machines in water collecting areas
- forestry machines

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Typical characteristics:

Properties	Value	Unit	Standard
Density at 20° C	955	kg/m ³	DIN EN ISO 12185
Kin. Viscosity at 0 °C	242	mm ² /s	DIN EN ISO 3103
Kin. Viscosity at 40° C	32	mm ² /s	DIN EN ISO 3104
Kin. Viscosity at 100° C	6,3	mm ² /s	DIN EN ISO 3104
Viscosity index	153		DIN ISO 2909
Pour point	-48	°C	ASTM D97
Flash point	264	°C	DIN EN ISO 2592
FZG test A/8,3/90	12	Damage loading step	DIN ISO 14635-1
Foam sequence 1	10/0	ml	ASTM D 892
Part of renewable raw materials	75	%	ASTM D6866

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