



Product information

No. 33820000

KAJO-BIO-Hydrauliköl HEES 22



KAJO-BIO-hydraulic oil HEES 22 is based on selected synthetic and easily biodegradable ester combined with an especially efficient and environmentally friendly combination of additives.

KAJO-BIO-hydraulic oil HEES 22 is free of zinc. It offers an excellent oxidation stability, corrosion / EP protection and low-temperature behavior.

KAJO-BIO-hydraulic oil HEES 22 meets with the minimum technical requirements according to VDMA 24568 und ISO 15380.

KAJO-BIO-hydraulic oil HEES 22 is marked with the environmental label „Blauer Engel“, according to RAL-UZ 178.

Practical advantages:

KAJO-BIO-hydraulic oil HEES 22 can be applied in all areas prone to discharging hydraulic liquids into the ground water or into the sewage, among them technical installations working for water clearance, in water protection areas or in the area of surface water.

- dredgers
- watergates / stream wears
- pipe and tunnel driving
- hydraulic aggregates in fields and forest
- earth-moving equipment in water
- forest tools

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Typical characteristics

Properties	Value	Unit	Norm
Viscosity class	22	ISO VG	DIN 51 519
Kin. viscosity at 40 °C	22,0	mm ² /s	DIN ISO 3104
Kin. viscosity at 100 °C	5,56	mm ² /s	DIN ISO 3104
Viscosity index	210	--	DIN ISO 3104
Density at 15 °C	901	kg/m ³	DIN EN ISO 12 185
Density at 20°C	898	kg/m ³	ASTM D 97
Pour point	-30	° C	DIN ISO 3016
Flash point	>200	° C	DIN EN ISO 2592
Copper corrosion	1 A	--	DIN EN ISO 2160
Foam behavior SEQ I	10/0	ml	ASTM D 892
Foam behavior SEQ II	5/0	ml	ASTM D 892
Foam behavior SEQ III	5/0	ml	ASTM D 892
Part of renewable raw materials	80	%	ASTM D 6866 Radio Carbon Methode C ¹⁴