

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	Test method
Viscosity class	22	ISO VG	DIN 51 519
Viscosity at 40 °C, kin.	22	mm ² /s	ASTM D 7042
Viscosity at 100 °C, kin.	5,56	mm ² /s	ASTM D 7042
Viscosity index	208	-	DIN ISO 2909
Density at 15°C	901	kg/m ³	DIN EN ISO 12 185
Density at 20°C	896	kg/m ³	DIN EN ISO 12 185
Pour point	-45	°C	ASTM D 97
Flash point, Cleveland Open Cup	206	°C	DIN EN ISO 2592
Foam behavior, SEQ I	10	ml	ASTM D 892
Foam behavior, SEQ II	0	ml	ASTM D 892
Foam behavior, SEQ III	5	ml	ASTM D 892
Copper corrosion, 3h/100°C	1A	degree of corrosion	DIN EN ISO 2160
Biobased content	80	%	ASTM D 6866