

RAVENOL Bio-Hydraulikoel HEES 46

SAE: 46

Full synthetic



20 l

Vendor:
1321105-020
 Vendor:
 1321105-020-01-999



20 l, ecobox

Vendor:
1321105-B20



60 l

Vendor:
1321105-060



208 l

Vendor:
1321105-208
 Vendor:
 1321105-208-01-999



1 000 l

Vendor:
1321105-700

RAVENOL BIO-Hydraulikoel HEES 46 is based on synthetic, easily biodegradable unsaturated esters and a powerful, environmentally friendly combination of additives which gives the product excellent properties regarding oxidation stability, corrosion, low temperatures as well as EP behaviour.

Compared with products of vegetable triglyceride base, **RAVENOL BIO-Hydraulikoel HEES 46** has much better high temperature oxidation stability.

RAVENOL BIO-Hydraulikoel HEES 46 can be used year-round due to its outstanding low-temperature behavior and provides excellent wear and corrosion protection.

Application Note

RAVENOL BIO-Hydraulikoel HEES 46 is used wherever there is the danger of hydraulic fluidleaking into the ground or waste water. This includes all equipment operating in or near areas of water purification or water protection or near surface water, such as e.g. sewage treatment 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.

Characteristics

- Biodegradability
- Excellent corrosion protection
- Outstanding cold behavior
- Excellent oxidation stability

Characteristics

Title	Value	Audit
Համապատասխանում է արտադրողի պահանջներին	JCMAS P042 HKB, Parker Denison HF-1, Parker Denison HF-2, Parker Denison HF-6, US Vessel General Permit (VGP), USDA Biopreferred®, VDMA 24568, VDMA 24570	
Համապատասխանում է արտադրողի բնութագրերին	DIN 51524-1, DIN 51524-2, DIN 51524-3, Eaton Brochure 03-401-2010, ISO 15380 HEES (Dry ISO 4263-3)	
Density at 20 °C	917 kg/m ³	EN ISO 12185
Գույն	Yellow	տեսողական
Մածուցիկություն 100 °C-ում	9.45 mm ² /s	DIN 51562-1
Մածուցիկություն 40 °C-ում	46 mm ² /s	DIN 51562-1
Viscosity Index VI	190	DIN ISO 2909
Pourpoint	-36 °C	DIN ISO 3016
Flashpoint	296 °C	DIN EN ISO 2592
Seq. I at 24 °C	10/0 ml/ml	ASTM D892
Seq. II at 93,5 °C	5/0 ml/ml	ASTM D892
Seq. III at 24 °C after 93,5 °C	10/0 ml/ml	ASTM D892
Copper Strip Test at 121 °C	1a	ASTM D130
Օդի բացթողում 50 °C ջերմաստիճանում, մաքս.	2 min.	DIN ISO 9120