RAVENOL Bio-Hydraulikoel HEES 32

Kategorie: Other hydraulic oil

Artikelnummer: 1321104

Viscosity: 32

Specification: Rexroth Bosch Group: RE / RD 90221-01/02.10,, Swedish Standard 15 54 34, Technical Research Institute

Oil type: Synthetic

Recommendation: ISO 15380, VDMA 24532

Application: Agricultural machinery, Industry

RAVENOL BIO-Hydraulikoel HEES 32 is based on synthetic, easily biodegradable ester 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 32** has much better high temperature oxidation stability.

20L | 1321104-020
20L | 1321104-B20
60L | 1321104-060
208L | 1321104-208

Application Note

RAVENOL BIO-Hydraulikoel HEES 32 is used wherever there is the danger of hydraulic fluid leaking 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

- Meets the requirements of the Federal Ministry for consumer protection, alimentation and agricultureregarding good biodegradability and technical specifications.
- On account of the used raw materials, **RAVENOL BIO-Hydraulikoel HEES 32** is classified as waterpolluting class NWG (not water-polluting) – German classification.

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	908,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm²/s	7,25	DIN 51562-1
Viscosity at 40 °C	mm²/s	32,0	DIN 51562-1
Viscosity Index VI		248	DIN ISO 2909
Pourpoint	°C	-30	DIN ISO 3016
Flashpoint	°C	260	DIN EN ISO 2592
Seq. I at 24 °C	ml/ml	10/0	ASTM D892
Seq. II at 93,5 °C	ml/ml	5/0	ASTM D892
Seq. III at 24 °C after 93,5 °C	ml/ml	5/0	ASTM D892
Copper Strip Test at 121 °C		1a	ASTM D130
Air release at 50 °C, max.	min.	1	DIN ISO 9120
Part of renewable raw materials (radio carbon meth	%	80	ASTM D3266

All indicated data are approximate values and are subject to the commercial fluctuations.