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- Certificate / Product Information -

RAVENOL Hydraulikoel TS 46 (HLP)

Art. 1323105

Description:

RAVENOL Hydraulikoel TS 46 (HLP) is optimal alloyed hydraulic oil based on mineral oils with a high performance level and a wide application area of the whole industry. It is characterised by good viscosity temperature behaviour, a high aging resistant and a solid corrosion protection. Efficient additives offer an excellent corrosion protection even under extreme loads. The behaviour of sealing materials is neutral.

Application directions:

RAVENOL Hydraulikoel TS 46 (HLP) is for universal use in all hydraulic systems. It is recommended in high performance hydraulic systems with high pressure pumps of all types, in sensitive control systems, for hydraulic systems in agriculture, to supply small gearboxes and for use in circulating systems.

Quality Classification:

RAVENOL Hydraulikoel TS 46 (HLP) is tried and tested for aggregates specifying:

DIN 51 524, part 2

Vickers-Pumpentest

FZG-Test A 8,3/90: 12th load level is reached.

DENISON HF-2 and HF-0

MIL-H 24 459

AFNOR NFE 48 603 HM

Cincinnati Milacron P-68, 69, 70

General Motors LH-04-1, LH-06-1, LH-15-1; US Steel 136, 127; MIL-H 24 459

Eickhoff-Bergbautechnik: recommendation: use according to operating instructions

Characteristics:

RAVENOL Hydraulikoel TS 46 (HLP) offers:

- a high performance level
- a very good viscosity temperature behaviour
- a high aging resistant
- an excellent corrosion protection
- a solid corrosion protection
- neutrality of sealing materials

Technical values:

Characteristics	unit	data	test according to
Colour		yellow brown	visual
Density	at 20 °C	875	EN ISO 12185
Viscosity	at 40 °C	46,4	DIN 51 562
	at 100 °C	6,7	DIN 51 562
Viscosity index		97	DIN ISO 2909
Flash point	COC	232	DIN ISO 2592
Pourpoint	°C	- 30	DIN ISO 3016
Aging stability, TOST	st	2000	DIN 51587
Demulsification		40ml/40ml/10min	

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

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