



1L | 1323105-001

5L | 1323105-005

10L | 1323105-010

20L | 1323105-020

20L | 1323105-B20

60L | 1323105-060

208L | 1323105-208

208L | 1323105-D28

1000L | 1323105-700

RAVENOL Hydraulikoeel TS 46 (HLP)

Kategorie: Other hydraulic oil

Artikelnummer: 1323105

Viscosity: 46

Specification: DIN 51524-2, ISO 6743-4 HM

Oil type: Mineral

Recommendation: AFNOR NFE 48-603 HM, Arburg, ASTM D6158, Atos, Bosch Rexroth RE 90220, CETOP RP 2950-S, CETOP RP 91H HM, Danieli Hydraulics, Eaton Vickers I-286-S, Fives Cincinnati P-55, Fives Cincinnati P-70, FZG-Test A 8,3/90, GB 111118.1 L-HM (conventional), GM LH-02-1-04, ISO 11158 HM, JCMAS HK, LS-2, Metso, MIL-PRF-17672 E, Müller Weingarten, NATO H-573, Parker Denison HF-0, Parker Denison HF-1, Parker Denison HF-2, SAE MS1004 HM, Sauer-Danfoss 520L0463, SEB 181.222, US Steel 126, US Steel 127, US Steel 136, VDMA 24318, Verwendung lt. Betriebsanleitung, Vickers-Pumpentest, ZF TE-ML 07H

Application: Agricultural machinery, Industry

RAVENOL Hydraulikoeel TS 46 (HLP) is optimal alloyed mineral hydraulic oil with a high performance level and a wide application area of the whole industry.

RAVENOL Hydraulikoeel TS 46 (HLP) with efficient additives offers an excellent corrosion protection even under extreme loads. The behaviour of sealing materials is neutral.

RAVENOL Hydraulikoeel TS 46 (HLP) is characterised by good viscosity temperature behaviour, a high aging resistant and a solid corrosion protection.

Application Note

RAVENOL Hydraulikoeel TS 46 (HLP) is for universal use in all hydraulic systems.

RAVENOL Hydraulikoeel TS 46 (HLP) is recommended in high performance hydraulic systems with high pressure pumps of all types, in sensitive control systems.

RAVENOL Hydraulikoeel TS 46 (HLP) is used for hydraulic systems in agriculture, to supply small gearboxes and for use in circulating systems.

Characteristics

- 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 Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	857,0	EN ISO 12185
Colour		hellgelb	VISUELL
Viscosity at 100 °C	mm²/s	7,2	DIN 51562-1
Viscosity at 40 °C	mm²/s	47,0	DIN 51562-1
Viscosity Index VI		113	DIN ISO 2909
Pourpoint	°C	-27	DIN ISO 3016
Flashpoint	°C	238	DIN EN ISO 2592
FZG-Test A/8.3/90 Damage loading step	%wt.	12	DIN 51354/2
Aging stability, TOST	st	2000	DIN 51587
Demulsification		40ml/40ml/10min.	DIN 51757

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

Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.
30.05.2023