

Ravensberger Schmierstoffvertrieb GmbH
Postfach 1163
33819 Werther
Tel.: 05203/9719-0
Fax.: 05203/9719-40 / 41

- Certificate / Product Information -

RAVENOL Hydraulikoel TS 10 (HLP)

Art. 1323101

Description:

RAVENOL Hydraulikoel TS 10 (HLP) is optimal alloyed mineral hydraulic oil 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 TS 10 Hydraulikoel (HLP) is for universally 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 10 (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

Characteristics:

RAVENOL Hydraulikoel TS 10 (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	kg/m ³	870	EN ISO 12185
Viscosity	at 40 °C	mm ² /s	11,0	DIN 51 562
	at 100 °C	mm ² /s	2,8	DIN 51 562
Viscosity index			98	DIN ISO 2909
Flash point	COC	°C	180	DIN ISO 2592
Pourpoint		°C	- 32	DIN ISO 3016

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.

19.09.13