



RAVENOL Hydrauliköl TSX 46 (HVLP)

RAVENOL Hydrauliköl TSX 46 (HVLP) is high quality multi-grade hydraulic oil type HVLP based on special selected solvent refined basic oils.

It is characterised by a high stable viscosity index and a solid corrosion protection. Efficient additives offer an excellent corrosion protection even under extreme loads. The behaviour of sealing materials is neutral.

Application Notes

RAVENOL Hydrauliköl TSX 46 (HVLP) is suitable for heavy loaded hydraulic machines of the industry, for earth moving machines and agricultural machines. Preferred use in case of great variations of the operation temperature.

No use in case of silver and/or silver-coated components in the hydraulic machines.

Quality Classifications

RAVENOL Hydrauliköl TSX 46 (HVLP) is tried and tested for aggregates specifying:

Specifications

DIN 51 524, Part 3 HVLP, FZG 12, Vickers Vane Pump, Cincinnati Milacron P68 (HM-32), P69 (HM-68), P70 (HM-46), CETOP RP 91H-HV, General Motors LH-04-1, General Motors LH-06-1, General Motors LH-15-1, ISO 6743/4-HV, DENISON HF-1, HF-0, HF-2, Sperry Vickers M-2950-S, Sperry Vickers I-286-S, AFNOR 48 603 HV, US Steel 136, US Steel 127

Characteristic

RAVENOL Hydrauliköl TSX 46 (HVLP) offers:

- A high and stable viscosity index
- An excellent corrosion protection
- An excellent protection against wear
- A very good air and water separation behaviour to prevent foam formation
- Neutral behaviour towards sealing of plastics
- A very low pour point

Characteristics	Unit	Data	Audit
Colour		braun	visual
Density at 20°C	kg/m ³	857	EN ISO 12185
Viscosity at 40°C	mm ² /s	46,0	DIN 51 562
Viscosity at 100°C	mm ² /s	6,3	DIN 51 562
Viscosity index VI		152	DIN ISO 2909
Flash point (COC)	°C	215	DIN ISO 2592
Pourpoint	°C	-39	DIN ISO 3016
TBN	mg KOH/g	0,4	DIN ISO 3771
Sulphated ash	%wt.	0,06	DIN 51 575

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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Ravensberger Schmierstoffvertrieb GmbH

Postfach 1163

33819 Werther

Tel.: 05203/9719-0

Fax.: 052039719-40 / 41