



## RAVENOL Hydrauliköl TSX 15 (HVLP)

RAVENOL Hydrauliköl TSX 15 (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 15 (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

#### **Specifications**

DIN 51524 Part 3 HVLP, ISO 6743/4-HV

#### **Practice and tested in aggregates with filling**

FZG 12, Denison HF-1, HF-0, HF-2, Vickers Vane Pump, Sperry Vickers M-2950-S, 1-286-S, Cincinnati Milacron P68 (HM-32), P69 (HM-68), P70 (HM-46), CETOP RP 91H-HV, AFNOR 48 603 HV, General Motors LH-04-1, LH-06-1, LH-15-1, US Steel 136, 127

### Characteristic

RAVENOL Hydrauliköl TSX 15 (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		gelb	visual
Density at 20°C	kg/m <sup>3</sup>	845	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	16,4	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	4,2	DIN 51 562
Viscosity index VI		173	DIN ISO 2909
Flash point (COC)	°C	202	DIN ISO 2592
Pourpoint	°C	-39	DIN ISO 3016

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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