



## RAVENOL Hydrauliköl TSX 32 (HVLP)



**SPECIFICATIONS** SAE MS1004 | JCMAS HK VG32W | ISO 6743-4 HV | ISO 11158 HV | GB 11118.1 L-HV | CETOP RP 91H HV | AFNOR NFE 48-690/1 | AFNOR NFE 48-603 HV | DIN 51524 PART 3 HVLP | US STEEL 127 | US STEEL 136

**RECOMMENDATIONS** GENERAL MOTORS LH-03-1-04/LS-2 | FIVES CINCINNATI P-68 | EATON VICKERS I-286-S/M-2950-S | BOSCH REXROTH RE90220 | SAUER-DANFOSS 520L0463

ART.-NR. 1323204

20L | 1323204-020  
20 L | 1323204-B20  
1000 L | 1323204-700

**RAVENOL Hydrauliköl TSX 32 (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 32 (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.

## Classifications

**RAVENOL Hydrauliköl TSX 32 (HVLP)** is tried and tested for aggregates specifying:

## Characteristics

**RAVENOL Hydrauliköl TSX 32 (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



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	851	EN ISO 12185
Colour		gelb-braun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	6,3	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	32,0	DIN 51 562
Viscosity index VI		152	DIN ISO 2909
Pourpoint	°C	-39	DIN ISO 3016
Flash point (COC)	°C	215	DIN ISO 2592
TBN	mg KOH/g	0,4	ASTM D2896
Sulphated ash	%wt.	0,06	DIN 51 575

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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