



## RAVENOL Hydraulikoel TS 32 (HLP)



ART.-NR. 1323104

1 L | 1323104-001  
5 L | 1323104-005  
20 L | 1323104-020  
20 L | 1323104-B20  
1000 L | 1323104-700

**SPECIFICATIONS** DIN 51524-2 (HLP), ISO 6743-4 HM

**FABRICATION** MINERAL

**APPROVALS** VOITH TURBOKUPPLUNGEN (RAVENOL HYDR.- ÖL TS32)  
ÖLLISTE 3626-011000DE

**RECOMMENDATIONS** VICKERS-PUMPENTEST, FZG-TEST A 8,3/90: DIE 12. LASTSTUFE WIRD SICHER ERREICHT | AFNOR NF E 48-603 HM, ASTM D6158, GB 11118.1 L-HM (CONVENTIONAL), ISO 11158 HM, JCMAS HK | MIL-PRF-17672E, SAE MS1004 HM, SEB 181 222, US STEEL 126, 127, 136, VDMA 24318, ATOS | BOSCH REXROTH RE 90220 | EATON VICKERS I-286-S, M-2950-S, FIVES CINCINNATI P-38/P-68, GENERAL MOTORS LH-02-1-04, LS-2, METSO | MÜLLER WEINGARTEN, SAUER-DANFOSS 520L0463

**RAVENOL Hydraulikoel TS 32 (HLP)** is optimal alloyed mineral hydraulic oil with a high performance level and a wide application area of the whole industry.

**RAVENOL Hydraulikoel TS 32 (HLP)** with efficient additives offers an excellent corrosion protection even under extreme loads. The behaviour of sealing materials is neutral.

**RAVENOL Hydraulikoel TS 32 (HLP)** is characterised by good viscosity temperature behaviour, a high aging resistant and a solid corrosion protection.

## Application Notes

**RAVENOL Hydraulikoel TS 32 (HLP)** is for universally use in all hydraulic systems.

**RAVENOL Hydraulikoel TS 32 (HLP)** is recommended in high performance hydraulic systems with high pressure pumps of all types, in sensitive control systems.

**RAVENOL Hydraulikoel TS 32 (HLP)** is used for hydraulic systems in agriculture, to supply small gearboxes and for use in circulating systems.

## Characteristics

**RAVENOL Hydrauliköl TS 32 (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



| Property           | Unit               | Data      | Audit        |
|--------------------|--------------------|-----------|--------------|
| Density at 20°C    | kg/m <sup>3</sup>  | 867,7     | EN ISO 12185 |
| Colour             |                    | gelbbraun | visual       |
| Viscosity at 100°C | mm <sup>2</sup> /s | 5,4       | DIN 51 562   |
| Viscosity at 40°C  | mm <sup>2</sup> /s | 32,1      | DIN 51 562   |
| Viscosity index VI |                    | 102       | DIN ISO 2909 |
| Pourpoint          | °C                 | -33       | DIN ISO 3016 |
| Flash point (COC)  | °C                 | 224       | DIN ISO 2592 |

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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