

# RAVENOL Hydraulikoel TS 10 (HLP)

**SAE: 10****Mineral****1 l**Vendor:  
**1323101-001****5 l**Vendor:  
**1323101-005****20 l**Vendor:  
**1323101-020**  
Vendor:  
1323101-020-01-999  
Barcode:  
4014835741126**20 l, ecobox**Vendor:  
**1323101-B20****60 l**Vendor:  
**1323101-060****208 l**Vendor:  
**1323101-208****1 000 l**Vendor:  
**1323101-700**

**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.

**RAVENOL Hydraulikoel TS 10 (HLP)** with efficient additives offers an excellent corrosion protection even under extreme loads. The behaviour of sealing materials is neutral.

**RAVENOL Hydraulikoel TS 10 (HLP)** is characterised by good viscosity temperature behaviour, a high aging resistant and a solid corrosion protection.

## Application Note

**RAVENOL Hydraulikoel TS 10 (HLP)** is for universal use in all hydraulic systems.

**RAVENOL Hydraulikoel TS 10 (HLP)** is recommended in high performance hydraulic systems with high pressure pumps of all types, in sensitive control systems.

**RAVENOL Hydraulikoel TS 10 (HLP)** is used for hydraulic systems in agriculture, to supply small gearboxes and for use in circulating systems.

## Characteristics

- a high performance level
- a very good viscosity temperature behaviour
- a high aging resistant
- an excellent corrosion protection
- a solid corrosion protection
- mainly neutrality of sealing materials

## Characteristics

| Title                                    | Value  | Audit           |
|--|--|-----------------|
| ASTM                                     | D6158  |                 |
| Համապատասխանում է արտադրողի պահանջներին  | AFNOR NFE 48-603 HM, Bosch Rexroth RE 90220, Cetop RP 91H HM, Cincinnati Milacron P-68, Cincinnati Milacron P-69, Cincinnati Milacron P-70, Danieli Hydraulics, FZG Test A 8,3/90, ISO 11158 HM, MIL-H-24459, Parker Denison HF-0, Parker Denison HF-2, SAE MS 1004 HM, Sauer-Danfoss 520L0463, VDMA 24318, Vickers Pumpentest |                 |
| Համապատասխանում է արտադրողի բնութագրերին | DIN 51524-2, ISO 6743-4 HM   |                 |
| Suitable for                             | Metso  |                 |
| Density at 20 °C                         | 833 kg/m <sup>3</sup>  | EN ISO 12185    |
| Գույն                                    | light yellow   | տեսողական       |
| Մածուցիկություն 100 °C-ում               | 2.7 mm <sup>2</sup> /s   | DIN 51562-1     |
| Մածուցիկություն 40 °C-ում                | 9.9 mm <sup>2</sup> /s   | DIN 51562-1     |
| Viscosity Index VI                       | 110  | DIN ISO 2909    |
| Pourpoint                                | -36 °C   | DIN ISO 3016    |
| Flashpoint                               | 190 °C   | DIN EN ISO 2592 |

## Out of production

| Product | Vendor                                   | Barcode |
|---------|--|---------|
| 1 l     | 1323101-001-01-999<br>1323101-001-06-999 |         |
| 5 l     | 1323101-005-01-999                       |         |
| 60 l    | 1323101-060-01-999                       |         |
| 208 l   | 1323101-208-01-999                       |         |