



## RAVENOL Hydraulikoel TS 15 (HLP)



### FABRICATION MINERAL

**RECOMMENDATIONS** ISO 11158 HM | GB 111118.1 L-HL | FZG-TEST A 8,3/90: DIE 12. LASTSTUFE WIRD SICHER ERREICHT | AFNOR NFE 48 603 HM | ASTM D6158 | BOSCH REXROTH RE 90220 | CETOP RP 91H HM | CINCINNATI MILACRON P-68/ 69/ 70 | DANIELI HYDRAULICS | DENISON HF-2 | DENISON HF-0 | METSO | MIL-H 24 459 | SAE MS1004 HM | SAUER-DANFOSS 520L0463 | SWEDISH STANDARD SS 155434 | VDMA 24318 | VICKERS-PUMPENTEST

### ART.-NR. 1323102

1 L | 1323102-001  
5 L | 1323102-005  
20 L | 1323102-020  
20 L | 1323102-B20  
1000 L | 1323102-700

**RAVENOL Hydrauliköl TS 15 (HLP)** is optimal alloyed mineral hydraulic oil with a high performance level and a wide application area of the whole industry. It is characterised by good viscosity temperature behaviour, a high aging resistant 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 TS 15 (HLP)** is for universally use in all hydraulic systems. It is recommended in high performance hydraulic systems with high pressure pumps of all types, in sensitive control systems, for hydraulic systems in agriculture, to supply small gearboxes and for use in circulating systems.

## Characteristics

RAVENOL Hydrauliköl TS 15 (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>	841,0	EN ISO 12185
Colour		hellgelb	visual
Viscosity at 100°C	mm <sup>2</sup> /s	3,5	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	15,0	DIN 51 562



Property	Unit	Data	Audit
Viscosity index VI		113	DIN ISO 2909
Pourpoint	°C	-45	DIN ISO 3016
Flash point (COC)	°C	186	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.

Release: : 09. March 2020