



# masteroil HLP 68

## Description

masteroil HLP 68 is a hydraulic oil that contains additives to prevent corrosion, wear and friction. It contains active ingredients that ensure clean hydraulics. masteroil HLP 68 is a heavy-duty multi-purpose lubricating oil that improves the behaviour in the mixed friction area and thus prevents friction or frictional vibrations due to adhesive slip. The good corrosion protection, cleaning and sludge carrying capacity deserve special mention. masteroil HLP 68 exceeds the requirements placed on HLP hydraulic oils according to DIN 51524 Part 2 for hydraulics.

| Typical characteristic values<br>Property | Method     | Unit               | Value |
|---|------------|--------------------|-------|
| Density at 15°C                           | ASTM D4052 | g/ml               | 0.884 |
| Kinematic viscosity at 40°C               | ASTM D445  | mm <sup>2</sup> /s | 69    |
| Kinematic viscosity at 100°C              | ASTM D445  | mm <sup>2</sup> /s | 8.7   |
| Viscosity index                           | ASTM D2270 | -                  | 97    |
| Pour point                                | ASTMD 6892 | °C                 | -27   |
| Flash point (COC)                         | ASTM D92   | °C                 | 230   |

We reserve the right to change our products' general properties so that our customers can always benefit from the latest technical developments.

## Specifications

AFNOR NF E 48-603 HM / NF E 48-690 / NF E 48-691  
ASTM D6158 HL, HM  
BOSCH REXROTH RDE 90235  
Chinese Standard GB 11118.1 L -HL,L-HM  
Cincinnati MACHINE P-69 (ISO 68)  
**DANIELI 0.000.001 Rev. 15 TYPE 10/11**  
DENISON HF-0, HF-1, HF-2  
DIN 51524 Part 2  
EATON Brochure 03-401-2010 / E-FDGN-TB002-E  
EATON Vickers I-286-S / M-2950-S  
GM LS2 AW hyd. oil  
ISO 6743-4, HM; 11158, HM  
JCMAS HK P041  
SAE MS1004  
US STEEL 126  
ZF TE-ML 07H

## Advantages

Wear and oxidation stability: Excellent protection. Anti-foaming: Excellent anti-foaming

Temperature stability: Adequate viscosity stability.

## This product is available in the following container sizes:

5 litres  
60 litres