

# Product information

## Meguin Hydraulikoel HLP 68



### Description

Mineral oils that are used as pressure fluids in hydraulic systems. They contain active ingredients to increase ageing resistance, anti-corrosive properties and EP properties. As a result of these additives they satisfy all requirements and are primarily used in hydraulic systems in which high thermal stresses occur, corrosion can form due to water and whose pumps or hydraulic motors require oil types with wear protection agents for mixed friction as a result of the operating conditions.

### Approvals

Hydrauliköl DIN 51524 Teil 2 HLP 68

### Characteristic data

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| ISO viscosity class                     | VG 68<br>DIN 51519                       |
| Density at 15 °C                        | 0,885 g/cm <sup>3</sup><br>DIN 51757     |
| Viscosity at 40 °C                      | 68 mm <sup>2</sup> /s<br>ASTM D 7042-04  |
| Viscosity at 100 °C                     | 8,6 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity index                         | 97<br>DIN ISO 2909                       |
| Pour point                              | -27 °C<br>DIN ISO 3016                   |
| Flash point                             | 240 °C<br>DIN ISO 2592                   |
| Demulgation characteristics at 54 °C    | <= 30 min<br>DIN ISO 6614                |
| Foaming behavior at 24 °C               | 30/0 ml<br>ISO 6247                      |
| Foaming behavior at 93.5 °C             | 50/0 ml<br>ISO 6247                      |
| Foaming behavior at 24 °C after 93.5 °C | 30/0 ml<br>ISO 6247                      |
| Air separation capacity                 | <= 13 min<br>DIN ISO 9120                |
| Corrosion effect on steel               | 0-B<br>DIN ISO 7120                      |
| Corrosion effect on copper              | 1-125 A3<br>DIN EN ISO 2160              |
| Neutralization number                   | 0,5 mg KOH/g<br>DIN 51558 T1             |
| Neutralization number after 1000 h      | < 2 mg KOH/g<br>DIN 51587                |
| Oxide ash                               | 0,16 g/100g<br>DIN EN ISO 6245           |

### Characteristic data

|                                            |                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------|
| Sulfate ash                                | 0,17 g/100g<br>DIN 51575                                                  |
| FZG gear rig test, standard test A/8, 3/90 | Schadenskraftstufe >10,<br>Spez.Gew.Änderung <0,27<br>mg/KWh<br>DIN 51354 |
| Color number (ASTM)                        | L 1,5<br>DIN ISO 2049                                                     |

### Available pack sizes

|                           |              |
|---------------------------|--------------|
| 20 l Canister plastic     | 4662<br>D-GB |
| 60 l Drum sheet metal     | 4688<br>D-GB |
| 200 l Drum sheet metal    | 4860<br>D-GB |
| 1.000 l Deposit container | 9567<br>D-GB |
| 1 l Bulk goods            | 8687<br>D-GB |
| 1 l Tank truck            | 8412<br>D-GB |