

# Product information

## Meguin Hydraulikoel HLP 22



### Description

Mineral oil which is used as a pressure fluid in hydraulic systems. Contains agents for increasing the resistance to aging, corrosion protection and the EP properties. Due to its additives, satisfies all requirements and is predominantly used in hydraulic systems where high thermal stress occurs, there is a risk of corrosion from water and where the pumps or hydraulic motors require oils with wear protection properties under mixed friction conditions caused by the operating conditions.

### Specifications / Approvals

Hydrauliköl DIN 51524 Teil 2 HLP 22

### Characteristic data

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| ISO viscosity class                     | VG 22<br>DIN 51519                       |
| Density at 15 °C                        | 0,85 g/cm <sup>3</sup><br>DIN 51757      |
| Viscosity at 40 °C                      | 22 mm <sup>2</sup> /s<br>ASTM D 7042-04  |
| Viscosity at 100 °C                     | 4,4 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity index                         | 109<br>DIN ISO 2909                      |
| Pour point                              | -36 °C<br>DIN ISO 3016                   |
| Flash point                             | 210 °C<br>DIN ISO 2592                   |
| Demulgation characteristics at 54 °C    | <= 20 min<br>DIN ISO 6614                |
| Air separation capacity                 | <= 5 min<br>DIN ISO 9120                 |
| 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                      |
| 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 mg/KWh<br>DIN 51354 |
| Color number (ASTM)                        | L 1,5<br>DIN ISO 2049                                                 |

### Available pack sizes

|                          |               |
|--------------------------|---------------|
| 20 l Canister plastic    | 4887<br>DE-EN |
| 60 l Black plate barrel  | 4851<br>DE-EN |
| 200 l Black plate barrel | 4857<br>DE-EN |