

# Product information

## Meguin Hydraulikoel HLP 32 AF



### Description

Mineral oil which is used as a pressure fluid in hydraulic systems. Contains agents for increasing resistance to aging, corrosion protection and the EP properties. Thanks to the additives, meets all requirements and is predominantly used in hydraulic systems where there are high thermal stresses, where corrosion from water can take place and where the pumps or hydraulic motors require oils with wear protection properties where there is mixed friction due to the operating conditions. This product contains no ash-forming additives, meaning the formation of sticky deposits is avoided when oil is overheated.

### Approvals

Hydrauliköl DIN 51524 Teil 2 HLP 32 • Hydrauliköl SEB 181 222 HLP 32

### Characteristic data

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| ISO viscosity class                     | VG 32<br>DIN 51519                       |
| Density at 15 °C                        | 0,85 g/cm <sup>3</sup><br>DIN 51757      |
| Viscosity at 40 °C                      | 32 mm <sup>2</sup> /s<br>ASTM D 7042-04  |
| Viscosity at 100 °C                     | 5,4 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity index                         | 102<br>DIN ISO 2909                      |
| Pour point                              | -30 °C<br>DIN ISO 3016                   |
| Flash point                             | 212 °C<br>DIN ISO 2592                   |
| Demulgation characteristics at 54 °C    | <= 30 min<br>DIN ISO 6614                |
| Air separation capacity                 | 3 min<br>DIN ISO 9120                    |
| Foaming behavior at 24 °C               | 80/0 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 | 80/0 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                   | 0,2 mg KOH/g<br>DIN 51558 T1             |
| Neutralization number after 1000 h      | < 2 mg KOH/g<br>DIN 51587                |

### Characteristic data

|                                            |                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------|
| Saponification number                      | 0,35 mg KOH/g<br>DIN 51559 T1                                             |
| Oxide ash                                  | 0,01 g/100g<br>DIN EN ISO 6245                                            |
| Sulfate ash                                | 0,02 g/100g<br>DIN 51575                                                  |
| FZG gear rig test, standard test A/8, 3/90 | Schadenskraftstufe >12,<br>Spez.Gew.Änderung <0,27<br>mg/KWh<br>DIN 51354 |
| Color number (ASTM)                        | L 1,0<br>DIN ISO 2049                                                     |

### Available pack sizes

|                           |              |
|---------------------------|--------------|
| 20 l Canister plastic     | 8695<br>D-GB |
| 200 l Drum sheet metal    | 8696<br>D-GB |
| 1.000 l Deposit container | 9564<br>D-GB |