



HYDRAULIC OIL

BC 32

Product Description:

HYDRAULIC OIL BC 32 is an universal mineral high grade AW oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. This product is not suitable for turbine applications.

HYDRAULIC OIL BC 32 is formulated with high quality re-refined mineral base stocks in combination with a special AW-additive technology to achieve the following performance:

- Good stability against oxidation.
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.

HYDRAULIC OIL BC 32 exceeds the following performance criteria.:

DIN 51524-2 HLP
AFNOR NF E 48-603 HM

ISO 11158 HM

ASTM D6158 HM



| Property | Unit | Test Method | Typical Value |
|-------------------------|--------------------|-------------|---------------|
| ISO Grade | | ISO 3448 | 32 |
| Colour | | ASTM D1500 | 3.5 |
| Density@15°C | kg/m ³ | ASTM D4052 | 867 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 31.1 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 5.4 |
| Viscosity Index | | ASTM D2270 | 108 |
| Flash Point COC | °C | ASTM D92 | >175 |
| Pour Point | °C | ASTM D7346 | -30 |
| Air Release Value @50°C | Minutes | ASTM D3427 | Pass |
| Demulsibility @54°C | Minutes | ASTM D1401 | Pass |

Product Nr: 45340
Date Superseded: 10-03-2022

Date Issued: 31-10-2022
Revision nr: 03