

NORDIC HYDRO HM 100

Mineral hydraulic fluid

NORDIC HYDRO HM 100 is an universal mineral high grade EP oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

NORDIC HYDRO HM 100 is formulated with high quality refined mineral base stocks in combination with a special EP-additive technology to achieve the following performance:

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

NORDIC HYDRO HM 100 exceeds the following performance criteria:

AFNOR NFE 48-603

ISO 11158 HM

DIN 51524/2 HLP

Typical Analysis

| Properties | Unit | Method | Typical Value |
|-------------------------|--------------------|------------|---------------|
| ISO VG Grade | | ISO 3448 | 100 |
| Density @15°C | kg/m ³ | ASTM D4052 | 887 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 100 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 11.2 |
| Viscosity Index | | ASTM D2270 | 95 |
| Flash Point COC, min | °C | ASTM D92 | 180 |
| Pour Point | °C | ASTM D97 | -27 |
| Air Release Value @50°C | Mintues | DIN 51381 | Pass |
| Demulsibility @54°C | Minutes | DIN 51599 | Pass |

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| Date Issued: 24-04-2021 | Supersedes: | Revision Nr.: 1 |
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