

NORDIC HYDRO HM 46

Mineral hydraulic fluid

NORDIC HYDRO HM 46 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 46 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 46 exceeds the following performance criteria:

AFNOR NFE 48-603
Cincinnati P-70

ISO 11158 HM
Sauer Danfoss 520L0463

DIN 51524/2 HLP
Eaton Vickers M-2950-S/I-286

Denison HF-1

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15°C	kg/m ³	ASTM D4052	875
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.0
Viscosity Index		ASTM D2270	102
Flash Point COC, min	°C	ASTM D92	180
Pour Point	°C	ASTM D97	-27
Air Release Value @50°C	Minutes	DIN 51381	Pass
Demulsibility @54°C	Minutes	DIN 51599	Pass

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Supersedes:

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