

NORDIC HYDRO HV 46 HVI Mineral hydraulic fluid

NORDIC HYDRO HV 46 is a universal HVI 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 HV 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.
- High Viscosity Index
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.
- Very good thermal stability.

NORDIC HYDRO HV 46 exceeds the following performance criteria:

AFNOR NFE 48-603
Cincinnati P-70

ISO 11158 HV
Sauer Danfoss 520L0463

DIN 51524/3 HVLP Denison HF-1
Eaton Vickers M-2950-S/I-386

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15°C	kg/m ³	ASTM D4052	872
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	8.5
Viscosity Index		ASTM D2270	163
Flash Point COC, min	°C	ASTM D92	180
Pour Point	°C	ASTM D97	-42
FZG Fail Load Stage, min		DIN 51534-2	11
Air Release Value @50°C	Mintues	DIN 51381	Pas
Demulsibility @54°C	Minutes	DIN 51599	Pas

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