

NORDIC HYDRO HV 100

Mineral hydraulic fluid

NORDIC HYDRO HV 100 is an 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 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.
- 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 100 exceeds the following performance criteria:

AFNOR NFE 48-603

ISO 11158 HV

DIN 51524/3 HVLP

Poclain

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	100
Density @15°C	kg/m ³	ASTM D4052	881
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	157
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-33
FZG Fail Load Stage, min		DIN 51354-2	11
Demulsibility @54°C	Minutes	DIN 51599	Pass

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