



HYDRAULIC OIL

HM 22

Product Description:

HYDRAULIC OIL HM 22 is a 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.

HYDRAULIC OIL HM 22 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.

HYDRAULIC OIL HM 22 exceeds the following performance criteria.:

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

ISO 11158 HM
Sauer Danfoss 520L0463

ASTM D6158 HM



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	22
Density@15°C	kg/m ³	ASTM D4052	861.0
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	21.7
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	4.4
Viscosity Index		ASTM D2270	108
Flash Point COC	°C	ASTM D92	>165
Pour Point	°C	ASTM D97	-36
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

Product Nr: 43510
Date Superseded: 31-10-2022

Date Issued: 2-1-2025
Revision nr: 06