



HYDRAULIC OIL

HM 220

Product Description:

HYDRAULIC OIL HM 220 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.

HYDRAULIC OIL HM 220 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 220 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	220
Density@15°C	kg/m ³	ASTM D4052	898
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	222.3
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	18.4
Viscosity Index		ASTM D2270	91
Flash Point COC	°C	ASTM D92	>215
Pour Point	°C	ASTM D97	-12
Air Release Value @75°C	Minutes	ASTM D3427	Pass
Demulsibility @82°C	Minutes	ASTM D1401	Pass

Product Nr: 45250
Date Superseded: -

Date Issued: 31-10-2022
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