



HYDRAULIC OIL

HM 46

Product Description:

HYDRAULIC OIL HM 46 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 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.

HYDRAULIC OIL HM 46 exceeds the following performance criteria.:

DIN 51524-2 HLP

AFNOR NF E 48-603 HM

Eaton Vickers M-2950-S / I-286

ISO 11158 HM

Cincinnati P-70

ASTM D6158 HM

Sauer Danfoss 520L0463



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	46
Density@15°C	kg/m ³	ASTM D4052	879.1
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	47.4
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.0
Viscosity Index		ASTM D2270	103
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D97	-30
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

Product Nr: 43540

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