



# HYDRAULIC OIL

## HM 68

### Product Description:

**HYDRAULIC OIL HM 68** 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 68** 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 68** 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-69**

**ASTM D6158 HM**

**Sauer Danfoss 520L0463**



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	68
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	882
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	68.3
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	10.8
Viscosity Index		ASTM D2270	98
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D97	-21
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

**Product Nr:** 43560

**Date Superseded:** 21-06-2021

**Date Issued:** 31-10-2022

**Revision nr:** 03

