



# 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.:

**AFNOR NF E 48-603**  
**DIN 51524/2 HLP**

**ISO 11158 HM**

**ISO 6743-4 HM**



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	68
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	880
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	66
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	8.5
Viscosity Index		ASTM D2270	100
Flash Point COC	°C	ASTM D92	>180
Pour Point	°C	ASTM D97	-27
Demulsibility @54°C	min	ASTM D1401	15
FZA A/8.3/90, Load Stage Fail		DIN 51354-2	>12

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