



# HYDRAULIC OIL

## HM 15

### Product Description:

**HYDRAULIC OIL HM 15** 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 15** 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 15** 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	15
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	847.8
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	14.6
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	3.4
Viscosity Index		ASTM D2270	111
Flash Point COC	°C	ASTM D92	>145
Pour Point	°C	ASTM D97	-39
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

**Product Nr:** 43480  
**Date Superseded:** 31-10-2022

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

