



**Product Data Sheet:**

# HYDRAULIC OIL HM 100

**Product Description:**

**HYDRAULIC OIL HM 100** is a high performance anti wear hydraulic oil developed for use in high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial services.

**HYDRAULIC OIL HM 100** oil is formulated with carefully selected base stocks fortified with additives to provide excellent protection towards wear, rust and oxidation.

**HYDRAULIC OIL HM 100** is formulated with field proven thermally stable, zinc based anti wear additives.

**HYDRAULIC OIL HM 100** provides excellent water demulsibility as well as de-aeration.

**HYDRAULIC OIL HM 100** effectively protects against rust and oxidation.

**Specifications:**

**Exceeds:** DIN 51524/2 HLP, ISO 11158 HM, AFNOR NFE 48-603 HM

<b>Property:</b>	<b>Test Method:</b>	<b>Typical Values:</b>
ISO Viscosity Grade	ISO 3448	100
Density @ 15°C	ASTM D4052	889 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	90-110 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	11.2 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	>97
Flash Point (COC)	ASTM D92	>220°C
Pour Point	ASTM D97	-30°C
Air Release Value @ 50°C	DIN 51381	<14 minutes
Demulsibility @ 54°C	DIN 51599	<60 minutes

Product nr: 4357

Date Issued: 21/10/2011

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