



**Product Data Sheet:**

# HYDRAULIC OIL HM 22

**Product Description:**

**HYDRAULIC OIL HM 22** 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 22** oil is formulated with carefully selected base stocks fortified with additives to provide excellent protection towards wear, rust and oxidation.

**HYDRAULIC OIL HM 22** is formulated with field proven thermally stable, zinc based anti wear additives.

**HYDRAULIC OIL HM 22** provides excellent water demulsibility as well as de-aeration.

**HYDRAULIC OIL HM 22** effectively protects against rust and oxidation.

**Specifications:**

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

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	ISO 3448	22
Density @ 15°C	ASTM D4052	861 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	19.8-24.2 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	4.3 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	>98
Flash Point (COC)	ASTM D92	>175°C
Pour Point	ASTM D97	-39°C
FZG Fail Load Stage, minimum	DIN 51354-2	11
Air Release Value @ 50°C	DIN 51381	<5 minutes
Demulsibility @ 54°C	DIN 51599	<40 minutes

Product nr: 4351	Date Issued: 21/10/2011	Date Superseded: 24/09/2010	Revision nr: 02
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