



HYDRAULIC OIL HM ZF 22

Product Description:

HYDRAULIC OIL HMZF 22 is a premium quality zinc free anti wear hydraulic oil developed for use in high pressure hydraulic systems operating under varying temperatures where small viscosity changes with fluctuating temperatures are preferred.

HYDRAULIC OIL HMZF 22 oil is formulated with carefully selected base stocks fortified with additives and a very shear stable viscosity index improver to impart excellent protection towards wear, rust and oxidation. The viscosity improver reduces the viscosity decrease with rising temperatures.

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

HYDRAULIC OIL HMZF 22 provides excellent water demulsibility as well as de-aeration and effectively protects against rust and oxidation.

HYDRAULIC OIL HMZF 22 can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

HYDRAULIC OIL HM ZF 22 exceeds the following performance criteria.:

DIN 51524/2 HLP
Eaton (Vickers)

ISO 11158 HM
M-2950-S/ I-286-S

AFNOR NFE 48-603 HM



Property	Unit	Test Method	Typical Value
ISO grade		ISO 3448	22
Density @15°C	kg/m ³	ASTM D4052	866
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	19.8-24.2
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	4.3
Viscosity Index		ASTM D2270	>98
Flash Point COC	°C	ASTM D92	>185
Pour Point	°C	ASTM D97	-24
Air Release Value @ 50°C	min	DIN 51381	<3
Demulsibility @54°C	min	DIN 51599	<10

Product Nr: 43640
Date Superseded: 24-09-2010

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