



Product Data Sheet:

HYDRAULIC OIL HMZF 68

Product Description:

HYDRAULIC OIL HMZF 68 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 68 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 68 is formulated with field proven thermally stable, zinc free based anti wear additives.

HYDRAULIC OIL HMZF 68 provides excellent water demulsibility as well as de-aeration and effectively protects against rust and oxidation.

HYDRAULIC OIL HMZF 68 can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

Specifications:

Exceeds: DIN 51524/2 HLP, ISO 11158 HM, AFNOR NFE 48-603 HM, Eaton (Vickers), M-2950-S/ I-286-S

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	ISO 3448	68
Density @ 15°C	ASTM D4052	884 kg/m ³
Kinematic Viscosity @ 100°C	ASTM D7042	8.7 mm ² /s
Viscosity Index	ASTM D2270	98
Flash Point (COC)	ASTM D92	>195°C
Pour Point	ASTM D97	<-15°C
Air Release Value @ 50°C	ASTM D51381	<10 minutes
Demulsibility @ 54°C	ASTM D51599	<40 minutes

Product nr: 4371

Date Issued: 09/09/2011

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