



Product Data Sheet:

HYDRAULIC OIL HM 32

Product Description:

HYDRAULIC OIL HM 32 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 32 oil is formulated with carefully selected base stocks fortified with additives to provide excellent protection towards wear, rust and oxidation.

HYDRAULIC OIL HM 32 is formulated with field proven thermally stable, zinc based anti wear additives.

HYDRAULIC OIL HM 32 provides excellent water demulsibility as well as de-aeration.

HYDRAULIC OIL HM 32 effectively protects against rust and oxidation.

Specifications:

Exceeds: ISO 11158 HM, DIN 51524/2 HLP, AFNOR NFE 48-603 HM, Sauer Danfoss 520L0463, Eaton (Vickers) M-2950-S/M 2952-S/I-286-S, Bosch Rexroth 07 075 vane, piston & gear pumps, Denison-TP 30560: HF-0, Cincinnati Machine: P-68

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	ISO 3448	32
Density @ 15°C	ASTM D4052	871 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	28.8-35.2 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	5.4 mm ² /s
Viscosity Index	ASTM D2270	>98
Flash Point (COC)	ASTM D92	>195°C
Pour Point	ASTM D97	-39°C
FZG Fail Load Stage, minimum	DIN 51354-2	11
Air Release Value @ 50°C	DIN 51381	<4 minutes
Demulsibility @ 54°C	DIN 51599	<30 minutes

Product nr: 4352

Date Issued: 21/10/2011

Date Superseded: 24/09/2010

Revision nr: 02