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PRODUCT DATA SHEET

ZF Hydraulic 32-68

PRODUCT DESCRIPTION

ZF Hydraulic 32-68 are Zinc Free, Ashless, Anti-Wear lubricants blended from high quality mineral oils possessing a high viscosity index and low pour point. These lubricants give a long trouble free service life and will be chemically stable under severe operating conditions.

BENEFITS

The performance benefits of these **ZF Hydraulic 32-68** include superior thermal and hydrolytic stability, very high oxidation stability, good demulsibility and superior anti-foam properties. They also exhibit high load carrying capacity, excellent EP performance, exceptional corrosion protection for steel and non-ferrous metals and good filterability resulting in a lower tendency to block filters. All of these benefits result in reduced pump wear and extended service lifetimes

PERFORMANCE SPECIFICATIONS

ZF Hydraulic 32-68 meet or exceed the requirements of many international tests and specifications for industrial and mobile hydraulic and compressor systems including:

Parker Denison HF-0, HF-1, HF-2	Vickers I-286-S, M-2950-S	AFNOR NFE 48-603 (HM)
Cincinnati Milacron P-68, P-69, P-70	SS155434	DIN 51524, parts 1, 2 (HL, HLP)
DIN 51506 (VBL, VCL, VDL)	ISO 6743/4 (HM)	ISO/DP 6521 (DAA, DAB, DAH, DAG)
ISO 11158 (HM)		

TYPICAL PROPERTIES

Specification	Units	ASTM Method	Results		
ISO Viscosity	-	-	32	46	68
Product Code	-	-	2758	2761	2763
Appearance	--	Visual	Clear and Bright		
Density @ 15°	Kg / L	ASTM D 1298	.865	.882	.884
Viscosity @ 40°C	cSt	ASTM D 445	32	46	68
Viscosity @ 100°C	cSt	ASTM D 445	5.5	6.9	8.9
Viscosity Index	-	ASTM D 2270	107	105	104
Sulfated Ash	wt%	ASTM D 874	<0.01	<0.01	<0.01
Copper Strip	3hr, 100C	ASTM D 130	1a	1a	1a
FZG Load	Fail Stage	DIN 51534	12	12	12
Rust Characteristics	-	ASTM D 665 A, B	Pass	Pass	Pass
Flash Point	°C	ASTM D 92	200	200	200
Pour Point	°C	ASTM D 97	-27	-27	-27

Available In: Bulk, 200 Litres and 20 Litres

Product Code: EZ5-2758, 2761 and 2763

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided for in written contract, the product is sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular use. "

Effective: August 2015

Expires: August 2017

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