

CHAMPION HYDRO ISO 68

A mineral oil, specifically designed to meet the requirements of most important manufacturers of hydraulic equipment. It contains anti-wear, anti-oxidant, anti-corrosion and anti-foam additives

APPLICATIONS

This oil is specifically designed to satisfy the requirements of the manufacturers of hydraulic systems where the highest demands are made concerning high pressure, temperatures or speeds. It is recommended for the hydraulic systems of the following types : Vickers, Gerotor, Gresen, HPM, Denison, Cessna, Hydreco and Worthington. It is also suitable for the lubrication of workshop equipment, reducing gears, bearings, compressed air systems and air screw compressors.

FEATURES

Anti-wear and oxidation stability: superior protection

Anti-foam properties: excellent anti-foam properties

Temperature stability: adequate viscosity stability

SPECIFICATIONS

AFNOR	NF E 48-603 HM	SAE	MS1004
AFNOR	NF E 48-690	SEB	181222
AFNOR	NF E 48-691	VICKERS	I-286-S3
AGMA	9005-E02-RO	BOSCH REXROTH	RDE 90235
AIST	126 (US Steel)	CINNATI	MACHINE P-69 [ISO 68]
AIST	127 (US Steel)	DANIELI	0.000.001Rev.15 Typ 10/11
ASTM	D6158 HL, HM	DENISON	HF-0, HF-1, HF-2
CHINESE STANDARD	GB 11118.1 L-HL,L-HM	EATON VICKERS	I-286-S
DIN	51524 Part 2	EATON VICKERS	M-2950-S
ISO	11158, HM	EATON	Brochure 03-401-2010
ISO	20763	EATON	E-FDGN-TB002-E
ISO	6743-4, HM	EATON	M-2950-S [35VQ25 pump test]
JCMAS	HK P041	GM	LS2 AW hyd.oil
PARKER (DENISON)	HF-0, HF-1, HF-2	ZF	TE-ML 07H

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.884
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	69
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	8.7
Viscosity index	ASTM D2270		97
Pour point	ASTM D6892	°C	-27
Flash Point COC	ASTM D92	°C	230

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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