

HYDRO ISO 46

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.

SPECIFICATION LEVEL

AFNOR	NF E 48-603 HM	EATON	Brochure 03-401-2010
AFNOR	NF E 48-690	EATON VICKERS	I-286-S
AFNOR	NF E 48-691	EATON VICKERS	M-2950-S
ASTM	D6158 HL, HM	GM	LS2 AW hyd.oil
BOSCH	RDE 90235	ISO	11158, HM
REXROTH		ISO	6743-4, HM
CHINESE STANDARD	GB 11118.1 L-HL,L-HM	JCMAS	HK P041
CINCINNATI	MACHINE P-70 (ISO 46)	SAE	MS1004
DANIELI	0.000.001Rev.15 Typ 10/11	US STEEL	126
DENISON	HF-0, HF-1, HF-2	ZF	TE-ML 07H
DIN	51524 Part 2		
EATON	E-FDGN-TB002-E		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.880
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	46.6
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	7
Viscosity index	ASTM D2270		107
Pour point	ASTM D6892	°C	-27
Flash Point COC	ASTM D92	°C	220

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

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CHAMPION®