

CHAMPION HYDRO HV ISO 68

A high viscosity index paraffinic oil, based on selected ingredients, specifically intended for use in hydraulic circuits. Superior performance in keeping the system clean by reducing the formation of deposits. It also demonstrates good filterability, water separation, and quick air release.

APPLICATIONS

This oil is suitable for hydraulic systems, functioning at variable temperatures and high pressures. It can also be used in gear boxes, which require an oil with a high viscosity index and assuring mechanical and chemical stability.

FEATURES

Anti-wear and oxidation stability: superior protection

Anti-foam properties: excellent anti-foam properties

Temperature stability: superior viscosity stability

SPECIFICATIONS

AFNOR	NF E 48-603 HV	SAE	MS1004
AFNOR	NF E 48-690	SEB	181222
AFNOR	NF E 48-691	VICKERS	I-286-S3
AGMA	9005-E02-RO	CINCINNATI	MACHINE P-69 (ISO 68)
AIST	126 (US Steel)	DENISON	HF-0, HF-1, HF-2
AIST	127 (US Steel)	EATON VICKERS	I-286-S
ASTM	D6158 HV	EATON VICKERS	I-286-S3
DIN	51524 Part 3	EATON VICKERS	M-2950-S
ISO	11158, HV	EATON	E-FDGN-TB002-E
ISO	20763	EATON	M-2950-S (35VQ25 pump test)
ISO	6743-4, HV	GM	LS2 AW hyd.oil
JCMAS	HK P041		

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	70.6
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11
Viscosity index	ASTM D2270		146
Pour point	ASTM D6892	°C	-36
Flash Point COC	ASTM D92	°C	224

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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