

CHAMPION HYDRO HV ISO 46

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

Hydraulic systems, functioning at very variable temperatures and at high pressures. Gear boxes, which require an oil with an increased viscosity index and assuring a mechanical and chemical stability. Regulation systems and hydraulic steering.

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	ISO	6743-4, HV
AFNOR	NF E 48-690	CINCINNATI	MACHINE P-70 (ISO 46)
AFNOR	NF E 48-691	DENISON	HF-0, HF-1, HF-2
DIN	51524 Part 3	EATON VICKERS	I-286-S
ISO	11158, HV	EATON VICKERS	M-2950-S

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.876
Kinematic viscosity at 40°C	ASTM D445	mm²/s	46.0
Kinematic viscosity at 100°C	ASTM D445	mm²/s	8.1
Viscosity index	ASTM D2270		150
Pour point	ASTM D6892	°C	-39
Flash Point COC	ASTM D92	°C	218

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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