

CHAMPION HYDRO HV ISO 37

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

EATON VICKERS	I-286-S	EATON VICKERS	M-2950-S
ISO	6743-4, HV	ASTM	D6158 HV
ISO	11158, HV	AFNOR	NF E 48-691
AFNOR	NF E 48-690	DENISON	HF-2
DIN	51524 Part 3	AFNOR	NF E 48-603 HV

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.863
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	38.0
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	7.4
Viscosity index	ASTM D2270		165
Pour point	ASTM D6892	°C	-51
Sulfated Ash	ASTM D874	Mass %	0.06
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.

CHAMPION CHEMICALS NV

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