

# CHAMPION HYDRO HV ISO 100

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. Applicable for 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

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

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.886
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	103
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	15.2
Viscosity index	ASTM D2270		155
Pour point	ASTM D6892	°C	-36
Flash Point COC	ASTM D92	°C	228

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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