

# CHAMPION HYDRO HVLPD ISO 46

*This is a premium detergent hydraulic oil, containing selected wear and oxidation inhibiting additives, together with effective anti-corrosion and anti-foam properties. It is able to absorb certain quantities of water, without becoming turbid nor influencing its properties. It has superior viscosity/temperature characteristics, as compared to standard hydraulic oils.*

## APPLICATIONS

*This type of hydraulic oil is particularly recommended in systems that are subject to important temperature fluctuations, and where water condensation is a concern. Therefore it is mainly used in off-highway and construction equipment, and industrial installations, where the presence of water cannot be avoided, like steel plants or mining.*

## FEATURES

*Anti-wear and oxidation stability: superior protection*

*Anti-foam properties: excellent anti-foam properties*

*Temperature stability: superior viscosity stability*

## PERFORMANCE

**DIN** 51524 T3 HVLPD **ISO** 6743-4 CLASS L-HV HV-LP

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.878
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	47.6
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	8.35
Viscosity index	ASTM D2270		152
Pour point	ASTM D6892	°C	-39
Flash Point COC	ASTM D92	°C	214

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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