

CHAMPION HYDRO XHV ISO 2268

This hydraulic fluid offers complete hydraulic system protection and directly increases the performance of your equipment. Its high viscosity index of 185 broadens the operating temperature range significantly. On top of that, this fluid offers excellent protection of hydraulic components & improved fuel economy at low temperatures. Furthermore, it minimises the hydraulic losses at high temperatures for optimal system performance. Succeeded to resist the demanding FZG Gear Test with failed stage 12. This proves its capability to establish a high-tech oil film, which offers additional wear, scuffing & pitting resistance.

APPLICATIONS

Hydraulic systems of earth moving equipment subjected to extreme outdoor conditions and other machines operating under high load & pressure conditions benefit greatly from this fluid's properties. Both of these applications require stable performance, improving both system and attachment performance. This fluid can also be used in certain industrial applications where high load carrying capabilities are required.

FEATURES

Anti-wear and oxidation stability: superior protection

Anti-foam properties: excellent anti-foam properties

Temperature stability: superior viscosity stability

PERFORMANCE

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-2
DIN	13357 T1/T2	EATON VICKERS	I-286-S
DIN	51524 Part 3	EATON VICKERS	M-2950-S
ISO	11158, HV		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.853
Kinematic viscosity at 40°C	ASTM D445	mm²/s	44.0
Kinematic viscosity at 100°C	ASTM D445	mm²/s	8.8
Viscosity index	ASTM D2270		185
Pour point	ASTM D6892	°C	-54
Flash Point COC	ASTM D92	°C	234
FZG Gear Test, Fail Stage	DIN 51354		12

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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