

HYDRO MASTER HV

HVI HYDRAULIC FLUID FOR MOBILE APPLICATION

Product Description

HYDRO MASTER HV is high performance hydraulic fluid under both severe mechanical stress and across a wide range of temperature conditions. It is formulated from aramcoULTRA base stocks and advanced additive system designed for providing outstanding protection and performance in most mobile equipment. It's excellent thermal and oxidation resistance delivers good performance and extended oil drain intervals. It also provides effective low and high ambient temperature performance due to high viscosity index and shear stability.

Applications

- Mobile and exterior hydraulic application: Suitable for a wide range of hydraulic power applications under wide temperature range
- Any hydraulic system where risk of contamination of the environment and water exist
- Any application where an anti-wear, high VI and high performance oil is necessary

Features and Potential Benefits

- Outstanding wear protection: Ensuring protection of machine parts
- Long fluid life: Reducing maintenance costs
- Maintaining system efficiency: Superior cleanliness and excellent filterability
- Extended temperature range capability

Performance Level

- ISO 11158 (HM/HV)
- ASTM D6158 (HM/HV)
- Fives Cincinnati P68/P69/P70
- DIN 51524-2/3 (HM/HV)
- SAE MS 1004 (HM/HV)
- GM LS-2, GB 11118.1-2011
- Eaton E-FDGN-TB002-E
- Bosch Rexroth RDE 90235
- AIST (US Steel) 126/127
- Parker HF-0/1/2 (HM/HV)
- JCMAS P041 HK
- SEB 181222

Typical Properties

Test Items	Method	Unit	32	46	68	
Specific Gravity	ASTM D1298	-	0.843	0.849	0.858	
Color	ASTM D1500	-	L0.5	L0.5	L0.5	
Viscosity	ASTM D445	40°C	cSt	32.3	46.6	69.3
		100°C	cSt	6.3	8.2	11.1
Viscosity Index	ASTM D2270	-	150	152	151	
Flash Point	ASTM D92	°C	244	250	256	
Pour Point	ASTM D97	°C	L-40	L-40	L-40	
Cu Corrosion (100°C, 3hrs)	ASTM D130	-	1b	1b	1a	

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This lubricant used recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet is obtainable via your commercial adviser.