



S-OIL HYDRO MASTER HV

HVI HYDRAULIC FLUID FOR MOBILE APPLICATION

Product Description

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

Application

- Suitable for a variety of hydraulic power applications under a wide temperature range
- Mobile and exterior hydraulic equipment
- Any hydraulic systems where the risk of contamination of the environment and water exist
- Any applications where anti-wear and high viscosity index oil is necessary

Features and Potential Benefits

- Outstanding anti-wear performance ensures the protection of machine parts
- Long fluid life reduces maintenance costs
- Superior cleanliness and excellent filterability maintain system efficiency
- Extended temperature range capability

Performance Level

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

Typical Properties

Test Items	Method	Unit	15	32	46	68	
Color	ASTM D1500	-	L0.5	L0.5	L0.5	L0.5	
Specific Gravity	ASTM D1298	-	0.835	0.842	0.849	0.858	
Viscosity	40°C	ASTM D445	cSt	15.8	32.8	46.6	69.3
	100°C	ASTM D445	cSt	3.92	6.43	8.22	11.1
Viscosity Index	ASTM D2270	-	148	153	152	151	
Flash Point	ASTM D92	°C	208	244	250	256	
Pout Point	ASTM D97	°C	L-45	L-45	L-30	L-30	

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This lubricant used as recommended and for the applications for which it has been designed does not present any particular risk. A material safety data sheet is obtainable via your commercial adviser.