



HYDRO MASTER HV

INDUSTRIAL HYDRAULIC FLUID for WIDE TEMPERATURE RANGE

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 S-OIL's ULTRA-S* 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. HYDRO MASTER HV also provides effective low and high ambient temperature performance due to high viscosity index and shear stability.

* The trade-mark of S-OIL's Group III base oils

Applications

- Mobile/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, 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, excellent filterability
- Extended temperature range capability

Performance level

- ISO 11158 (HV)
- ASTM D6158 (HV)
- SAE MS 1004 (HV)
- DIN 51524 PART III (HV)
- Denison HF-0, HF-1, HF-2
- Five Cincinnati P68, P70
- Eaton Vickers I-286-S, M-2950-S
- Bosch Rexroth RE 90220
- JCMAS HK
- US steel 126, 127
- SEB 181222
- GM LS-2

Typical Properties

Test Items	Method	Unit	ISO VG 32	ISO VG 46
Specific gravity	ASTM D1298	-	0.8428	0.8633
Color	ASTM D1500	-	L0.5	L0.5
Viscosity	ASTM D445	40°C	32	46
		100°C	6.32	8.22
Viscosity index	ASTM D2270	-	150	152
Flash point	ASTM D92	°C	244	250
Pour point	ASTM D97	°C	-45.0	-40.0

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This lubricant used as 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.