

HYDRO SUPER

ANTI-WEAR HYDRAULIC FLUID

Product Description

HYDRO SUPER is excellent anti-wear hydraulic fluid under high pressure and high temperature conditions. It is formulated from S-OIL's highly hydrotreated base stocks and advanced anti-wear, anti-oxidant additive system.

Applications

- Sensitive hydraulic circuits requiring absolute filterability of the fluid such as plastic moulding machine
- Hydraulic system of various machining tools
- Any application where an anti-wear, high-performance oil is necessary

Features and potential benefits

- Excellent anti-wear properties ensuring protection of machine parts.
- Great lubricity at high temperature thanks to base stock's high viscosity index
- Prevents formation of deposits in the circuit thanks to remarkable thermal stability : cleaner circuits, less clogging of the filters
- Low pour point helps to reduce friction during operation at low temperature
- Reduced maintenance costs

Performance level

- ISO 11158 HL / HM
- Denison HF-0 (Hybrid Pump)
- Eaton Vickers M-2950-S / I-286-S
- Cincinnati Machine P-68 / P-69 / P-70
- General Motors LS-02 / LH-03 / LH-04 / LH-06
- DIN 51524 Part 2
- US Steel 127

Typical Properties

Test Items	Method	Unit	ISO VG 32	ISO VG 46	ISO VG 68
Specific gravity	ASTM D1298	-	0.843	0.845	0.862
Color	ASTM D1500	-	L0.5	L0.5	L0.5
Viscosity	ASTM D445	40°C	32.0	46.0	68
		100°C	5.90	7.60	9.40
Viscosity index	ASTM D2270	-	130	133	116
Flash point	ASTM D92	°C	230	232	235
Pour point	ASTM D97	°C	-38	-35	-33

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