

HYDRO SUPER

ANTI-WEAR HYDRAULIC FLUID

Product Description

HYDRO SUPER is excellent anti-wear hydraulic fluid 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	-	0.863	0.868	0.874
Color	ASTM D1500	-	0.5 ↓	0.5 ↓	0.5 ↓
Viscosity 40°C	ASTM D445	cSt	32.0	46.1	67.6
Viscosity 100°C	ASTM D445	cSt	5.43	6.75	8.77
Viscosity index	ASTM D2270	-	104	99	102
Flash point	ASTM D92	°C	218	228	238
Pour point	ASTM D97	°C	-37.5	-37.5	-35.0

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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.