



S-OIL HYDRO SUPER

MULTI PURPOSE 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 aramcoULTRA base stocks and advanced anti-wear and anti-oxidant additive system.

Applications

- Industrial hydraulic system: Suitable for a wide range of hydraulic power applications
- Marine hydraulic system
- Any application where anti-wear and 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 and less clogging of the filters
- Low pour point helps to reduce friction during operation at low temperature
- Reduced maintenance costs

Performance Level

- Bosch Rexroth RDE 90235
- ISO 11158 HM
- SEB 181 222
- GM LS2
- DIN 51524-2
- Parker Denison HF-0
- US Steel 126/127/136
- ASTM D6158 HM
- Eaton Brochure 03-401-2010
- JCMAS HK P041
- Fives Cincinnati P-68/69/70

Typical Properties

Test Items		Method	Unit	32	46	68
Density		ASTM D4052	-	0.841	0.846	0.862
Color		ASTM D1500	-	L0.5	L0.5	L0.5
Viscosity	40°C	ASTM D445	cSt	32.0	43.3	66.1
	100°C	ASTM D445	cSt	5.98	7.34	9.26
Viscosity Index		ASTM D2270	-	135	134	118
Flash Point		ASTM D92	°C	250	262	268
Pour Point		ASTM D97	°C	-35	-29	-31
Demulsibility		ASTM D1401	Min	10	10	15
Copper Corrosion (100°C, 3hrs)		ASTM D130	-	1a	1a	1a
Foam Tendency	Seq. I	ASTM D892	ml/ml	5/0	10/0	5/0
	Seq. II	ASTM D892	ml/ml	10/0	10/0	5/0
	Seq. III	ASTM D892	ml/ml	5/0	5/0	5/0
Rust Prevention (60°C, 24hrs)		ASTM D665B	-	Pass	Pass	Pass

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HYDRO SUPER
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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.