S-OIL HYDRO FLUID AW

ANTIWEAR INDUSTRIAL HYDRAULIC FLUID

Product Description

HYDRO FLUID AW is high performance hydraulic fluid. It is formulated from S-OIL's highly hydrotreated base stocks and advanced anti-wear, anti-oxidant additive system designed for providing outstanding protection and performance in most industrial hydraulic systems and many mobile equipment operations. It's excellent thermal and oxidation resistance delivers good performance and extended oil drain intervals.

Applications

❍ Industrial hydraulic system: Suitable for a wide range of hydraulic power applications
❍ Applications where sludge and deposit form with conventional products
❍ Any application where an anti-wear, 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 and excellent filterability

Performance Level

❍ ISO 11158 (HM)
❍ JCMAS HK
❍ Denison HF-0 (Hybrid Pump)
❍ DIN 51524 PART II
❍ Eaton Vickers M-2950-S/I-286-S
❍ US Steel 127
❍ GM LS-2/LH-03/LH-04/LH-06
❍ Cincinnati Machine P68/P69/P70

Typical Properties

Test Items		Method	Unit	10	15	22	32	46	68
Specific Gravity		ASTM D1298	-	0.838	0.848	0.856	0.863	0.868	0.874
Color		ASTM D1500	-	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
Viscosity	40℃	ASTM D445	cSt	10.1	15.2	22.1	32.0	46.1	67.6
	100℃	ASTM D445	cSt	2.7	3.5	4.4	5.4	6.8	8.8
Viscosity Index		ASTM D2270	-	104	106	106	104	99	102
Flash Point		ASTM D92	℃	178	194	214	218	228	238
Pour Point		ASTM D97	℃	-57	-46	-40	-35	-37	-35
Cu Corrosion (100℃, 3hrs)		ASTM D130	-	1b	1b	1b	1b	1b	1b
Foam Tendency	Seq. I	ASTM D892	ml/ml	30/0	20/0	20/0	10/0	10/0	10/0
	Seq. II	ASTM D892	ml/ml	20/0	20/0	10/0	10/0	10/0	10/0
	Seq. III	ASTM D892	ml/ml	20/0	10/0	10/0	10/0	10/0	10/0

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.