



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 | 100 | 150 | 220 | |
|----------------------------|------------|-----------|-------|-------|-------|-------|
| Specific Gravity | ASTM D1298 | - | 0.878 | 0.883 | 0.887 | |
| Color | ASTM D1500 | - | L0.5 | L0.5 | L0.5 | |
| Viscosity | 40°C | ASTM D445 | cSt | 100.3 | 154.8 | 219.8 |
| | 100°C | ASTM D445 | cSt | 11.5 | 15.4 | 19.2 |
| Viscosity Index | ASTM D2270 | - | 102 | 100 | 98 | |
| Flash Point | ASTM D92 | °C | 258 | 266 | 266 | |
| Pour Point | ASTM D97 | °C | -28 | -24 | -20 | |
| Cu Corrosion (100°C, 3hrs) | ASTM D130 | - | 1b | 1b | 1b | |
| Foam Tendency | Seq. I | ASTM D892 | ml/ml | 10/0 | 10/0 | 10/0 |
| | Seq. II | ASTM D892 | ml/ml | 10/0 | 10/0 | 10/0 |
| | Seq. III | ASTM D892 | ml/ml | 10/0 | 10/0 | 10/0 |

S-OIL CORPORATION
192, Baekbeom-ro, Mapo-gu,
Seoul, 04196, Korea

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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.