

Lubricant Product Information

Daphne Hydraulic Oil AW Series

High Performance Hydraulic Oil

Description

A series of anti-wear type hydraulic fluid specially formulated with highly refined paraffinic base oil fortified with anti-wear, anti-oxidation, anti-rust and anti-foam additives to provide excellent performance for various hydraulic systems. It meets the requirement of Denison HF-2, Cincinnati Milacron P-68, P-69, P-70 and Vickers I-286-S.

Application

Suitable for most hydraulic equipment and especially for those with high pressure or high speed hydraulic pump.

Characteristics

- 1. Excellent Oxidation Stability** - A combination of highly refined paraffinic base oil and anti-oxidant assures excellent oxidation stability and reduces sticking problems caused by formation of sludges.
- 2. Excellent Anti-Wear Properties** - Addition of special anti-wear extreme pressure agent assures excellent anti-wear properties and extend pump service life and reduce maintenance down time.
- 3. Excellent Demulsibility** - Extremely quick separation with water prevents it from emulsifying with water, this makes it most suitable for preventing machine parts from rust and corrosion.
- 4. Excellent Lubricity** - It helps to reduce stick-slip problems between cylinder and packing, which in turns reduces, wear and noise.
- 5. Excellent Anti- Foam Performance** - Addition of anti-foaming agent eliminates the potential damages like pump cavitations caused by harmful foaming.

Packing

210L drum

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Typical Specifications

	32	46	68
Colour	L0.5	L0.5	L0.5
Density 15°C g/cm ³	0.8567	0.8646	0.8810
Flash Point, (COC) °C	216	244	250
Viscosity cST@40 °C mm ² /s	31.93	45.94	67.88
@100 °C mm ² /s	5.606	6.983	8.810
Viscosity Index	114	109	102
TAN (mgKOH/g)	0.57	0.55	0.54
Pour Point °C	-39.0	-39.0	-39.0
Copper Corrosion @100°C x 3hrs	1(1a)	1(1a)	1(1a)
Foam @ 24°C	10-0	<10-0	10-0