



FOUR SEASONS HYDRAULIC FLUID AW

Kendall Four Seasons Hydraulic Fluid AW is a premium quality antiwear hydraulic fluid recommended for use in industrial, mobile, and marine hydraulic systems. It meets the performance requirements of leading pump manufacturers such as Cincinnati Machine, Denison, Sunstrand, and Vickers.

Benefits:

Kendall Four Seasons Hydraulic Fluid AW provides excellent wear protection for hydraulic pumps and motors as well as good oxidation resistance, rust and corrosion protection, and foam resistance. It has excellent water separating characteristics and is resistant to excessive foam buildup that can cause poor hydraulic system response.

Recommendations:

- Industrial, mobile, and marine hydraulic systems.
- Hydraulic control systems for machine tools and presses, mobile construction equipment, and electrical service equipment (utility bucket trucks).
- Hydraulic elevators, hoists, and lifts.
- Rotary and single-stage reciprocating air compressors.
- General purpose lubrication.

Kendall Four Seasons Hydraulic Fluid AW is recommended for applications specifying:

- AGMA R & O Grades 1 through 6 (non-EP)
- Cincinnati Machine P-68, P-69, & P-70 (ISO VG 32, 68, & 46) AW Hydraulic Oils
- Denison HF-0, HF-1, & HF-2 Hydraulic Fluids for Axial Piston Pumps and Vane Pumps in Severe Duty Applications
- DIN 51524 Part 2 Antiwear Hydraulic Oils
- GM LH-03, LH-04, LH-06
- Rexroth Hydraulic Requirements
- Sauer Danfoss Hydraulic Requirements
- Vickers M-2950-S, I-286-S
- U.S. Steel 127

POUR IN THE PROTECTION®

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Typical Inspection Test Data

GRADE, ISO	32	46	68	100
Density,g/cm ³ @ 15.6°C (60°F)	0.864	0.867	0.872	0.872
Pounds per U.S. Gallon 15.6°C (60°F)	7.19	7.22	7.26	7.26
Color, ASTM D1500	L 1.0	L 1.0	L 1.0	1.0
Flash Point (COC), °C	220	230	241	255
°F	428	446	466	491
Pour Point, °C	-38	-35	-34	-20
°F	-36	-31	-29	-4
Viscosity,				
cSt @ 40°C	31.6	46.5	67.9	97.8
cSt @ 100°C	5.3	6.7	8.5	10.9
SUS @ 100°F	163	239	351	509
SUS @ 210°F	44.7	49.7	56.2	65.0
Viscosity Index	98	95	95	95
Copper Corrosion, ASTM D130	1A	1A	1A	1A
Demulsibility, ASTM D1401, minutes to pass	20	20	20	20
Dielectric Strength, ASTM D877, kv	25+	25+	25+	25+
Foam Test, ASTM D892	Pass	Pass	Pass	Pass
Oxidation Stability, ASTM D943, hrs	5,000+	5,000+	5,000+	5,000+
Rust Test, ASTM D665A/B	Pass	Pass	Pass	Pass
Zinc, wt. %	0.04	0.04	0.04	0.04
PRODUCT NUMBER	7380	7381	7382	7384

Petroleum products can have certain risks if ingested or swallowed. Keep such products away from children. Material Safety Data Sheets (MSDS's) are available upon request. Use absorbent material to clean up any spill.

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