



Premium AW Hydraulic Oil

PREMIUM AW Hydraulic Oils are premium quality, high viscosity Index, anti-wear hydraulic oils that are blended with superior quality base stocks and premium additives.

FEATURES:

PREMIUM AW Hydraulic Oils provide:

- Excellent thermal stability, with the latest thermally stable additive package designed to virtually eliminate the formation of heat related sludge.
- Excellent rust protection
- Excellent anti-wear protection for pumps, motors, valves, and other hydraulic circuit components.
- Excellent anti-foam protection
- Excellent hydraulic stability in the presence of water

APPLICATIONS:

PREMIUM AW Hydraulic Oils may be recommended for applications when a premium quality, anti-wear hydraulic oil is required by equipment manufacturers. The oils meet the rigorous performance requirements including Denison HF-0 and HF-2, Cincinnati Milacron P-68, P69, and P-70, Vickers M-2950-S and 1-286-S. Passes Vickers 35VQ25 Pump Test.

PREMIUM AW Hydraulic Oils provide excellent vane pump wear and protection. Extremely low pump part weight losses were encountered in the ASTM-D-2882 Vane Pump Wear Tests. Piston pump performance is also outstanding. No evidence of wear or distress was observed at the end of the 100 hour (5000psi) Denison P-46 Axial Piston Pump Test

SELECTION:

PREMIUM AW Hydraulic Oils are available in three viscosity grades to comply with most industrial applications. Grades are formulated according to the ISO viscosity grade classification system

PREMIUM AW Hydraulic Oils meet or surpass the physical and chemical characteristics of. Equipment Manufacturer recommendations and conventional guides of hydraulic oil selection should be followed to determine the best **PREMIUM AW** Hydraulic Oils for a specific application.

TYPICAL PROPERTIES

ISO VG	32	46	68
Gravity: API	31.2	30.4	29.7
Viscosity, cSt 40C (104F) 100C (212F)	30.04 5.26	42.70 6.57	62.9 8.43
Viscosity (SSU) <ul style="list-style-type: none">• 37.8 C (100F)• 98.8C (210F)	155 43.9	200 48.2	325 54.6
Viscosity Index	106	105	104
Flash, P-M: F OC: F	400 425	405 430	450 470
Fire, OC: F	455	470	500
Pour Point: F	-36	-33	-30
Rust Prevention Test, ASTM <ul style="list-style-type: none">• D665A• D665B	PASSES PASSES	PASSES PASSES	PASSES PASSES
Tot. Acid # ASTM D974	0.50	0.50	0.50
Oxidation ASTM D943	4000+	4000+	4000+



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