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technical data sheet

Anti-Wear Hydraulic Oils (Low)

Product Application:

AW Hydraulic Oils are premium, heavy duty, anti-wear hydraulic oils developed to meet the requirements of high output hydraulic systems. They are designed for use in high pressure or high-speed vane and gear-type hydraulic pumps, rotary vane-type compressors, machine tools and circulating systems.

These products are formulated with hydro-treated neutral base stocks and the latest in additive outstanding rust protection, low deposit formation, superior demulsibility, low air entrainment, excellent oxidation resistance; low pour points and good anti-foam properties characterize AW Hydraulic Oils.

Meets or Exceeds the following Specifications:

Hagglunds-Denison HF-0, HF-1, HF-2
Vickers M-2952-S, I-286-S
Cincinnati Machine P-68, P-69, P-70
US Steel 127, 128
Racine Vane Pumps – Variable Volume
Sundstrand Hydrostatics
Towler Hydraulics
GM LH-04-01, LH-06-1, LH-15-1

Features and Advantages:

- *Superior low temperature flow capabilities.
- *Ability to maintain proper viscosity at high temperatures.
- *Excellent oxidation and rust protection.
- *Excellent anti-foaming properties.
- *Possesses the necessary dielectric strength required for use in electrical service equipment.

Typical Characteristics:

ISO GRADE	15	22	32	46	68
Gravity, Degrees API	15	32.1	30	29	29
Viscosity Index (Min.)	140	140	100	100	99
Viscosity					
cSt @ 100 °C	2.1	4.9	5.4	6.5	8.2
cSt @ 40 °C	14.6	21.2	31	45	67
Flash Point, COC, ° F	220	330	430	450	500
Pour Point, ° F	-60	-40	-30	-20	-20
Oxidation ASTM D943	5000	5000	5000	5000	5000

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