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technical data sheet

Anti-Wear Hydraulic Oils (High)

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 and low pour points & 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,
- *Cincinnati Machine P-68, P-69, P-70
- *US Steel 127, 128, and 36
- *Racine Vane Pumps – Variable Volume
- *AFNOR E 48-603
- *Gardner Denver

Package Size:

Bulk, Drums, Pails

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 | 100 | 150 | 220 | 460 |
|------------------------|-----|------|-----|-----|
| Gravity, Degrees API | 28 | 29.5 | 29 | 27 |
| Viscosity Index (Min.) | 98 | 95 | 95 | 100 |
| Viscosity | | | | |
| cSt @ 100 ° C | 11 | 14 | 19 | 30 |
| cSt @ 40 ° C | 98 | 139 | 210 | 480 |
| Flash Point, COC, ° F | 490 | 505 | 530 | 530 |
| Pour Point, ° F | -10 | 5 | 10 | 15 |

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