



TEXAS HYDRAULIC AW SERIES

High Performance Anti-Wear Hydraulic Fluids

PRODUCT DATA SHEET

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DESCRIPTION

Texas Hydraulic AW Series is a range of economical anti-wear fluids, formulated with highly refined Group II base oils and a unique additive system that has been optimized for hydraulic applications. They offer effective resistance to wear, oxidation and foaming. These products have high viscosity indexes, giving outstanding performance over a broad range of operating temperatures.

Texas Hydraulic AW Series shows improved filterability and demulsibility. They provide multi-metal compatibility in the presence of water.

Texas Hydraulic AW Series meets the performance requirements of many industrial specifications and hydraulic pump manufacturers.

PERFORMANCE STANDARDS

- U.S. Steel 127, 136
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51 524 Part 2, Part 3
- Denison HF-0, HF-1, HF-2
- Vickers M-2950-S, I-286-S
- AFNOR N FE 48-691

BENEFITS

- Outstanding wear protection
- Manufactured from high thermal and oxidation stability base oils for longer oil life span
- Reduce maintenance costs due to less oil change
- Outstanding water separation and air release properties
- Maintain excellent control of oil consumption
- Foam inhibition reduces the danger of pump failure due to cavitation
- Protects against rust and corrosion

TYPICAL APPLICATIONS

- Texas Hydraulic AW Series is recommended for a wide range of hydraulic systems that require an anti-wear fluid.
- Oil circulation systems including those recommending R & O oils, where rationalizing of oil products is desirable.
- Gear sets requiring non-EP gear oils

TYPICAL PROPERTIES

| ISO Grade | 32 | 46 | 68 | 100 | 150 |
|---|-------|-------|-------|-------|-------|
| Appearance/Color | L0.5 | L1.0 | L1.0 | L1.5 | L2.5 |
| Density, kg/litre @ 15°C | 0.868 | 0.870 | 0.888 | 0.887 | 0.890 |
| Kinematic Viscosity, mm ² /s @ 40°C | 31.0 | 45.0 | 67.0 | 99.0 | 149.0 |
| Kinematic Viscosity, mm ² /s @ 100°C | 5.6 | 7.2 | 9.3 | 11.9 | 15.8 |
| Viscosity Index | 120 | 118 | 115 | 110 | 110 |
| Pour Point, °C | -21 | -21 | -18 | -18 | -15 |
| Flash Point COC, °C | 210 | 220 | 220 | 230 | 240 |

Typical physical and chemical characteristics do not constitute as specifications. Texas Petrochemical reserves the right to amend and change the information herein without notification as a result of continual product research and development.