



TEXAS HYDRAULIC AW SERIES

High Performance Anti-Wear Hydraulic Fluids

PRODUCT DATA SHEET

Issued on 20th July 2017

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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	32.0	46.0	68.0	100.0	150.0
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.