



TEXAS HYDRAULIC AW+ 46

High Performance Anti-Wear Hydraulic Fluids

PRODUCT DATA SHEET

Issued on 30th Jan 2020

Texas Petrochemical Asia Pacific Pte Ltd

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DESCRIPTION

Texas Hydraulic AW+ 46 is a range of economical anti-wear fluids, formulated with high quality base oils and an unique additive system that has been optimized for hydraulic applications. They offer excellent cold flow properties, 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 46 shows improved filterability and demulsibility. They provide multi-metal compatibility in the presence of water.

Texas Hydraulic AW 46 meets the performance requirements of many industrial specifications and hydraulic pump manufacturers.

PERFORMANCE STANDARDS

- AFNOR NE E 48-603 HM
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51 524 Part 2 HLP DIN 51524-3 (HV)
- Denison HF-0, HF-1, HF-2
- Eaton M-2950-S, I-286-S
- Parker HF-0, HF-1, HF-2 (hm, HV)
- MAG P268, P69, P70
- ISO11158
- Bosch Rexroth RE90220
- JCMAS P041
- ANSI/AGMA 9005-E02-RD
- GM LS-2
- AIST126,127
- SEB 181222

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 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.



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TYPICAL PROPERTIES

ISO Grade	46
Appearance/Color	<1.0
Density, kg/litre @ 15°C	<0.850
Kinematic Viscosity, mm ² /s @ 40°C	45
Kinematic Viscosity, mm ² /s @ 100°C	>6.5
Viscosity Index	>109
Pour Point, °C	-25
Flash Point COC, °C	>205
Water Content%	None