PRODUCT DATA SHEET

Issued on 15th April 2013

Texas Petrochemical Asia Pacific Pte Ltd
80 International Road
Singapore 629170
Tel: 65-6262 6538
Fax: 65-6262 6537
Website: www.texaslub.com

TEXAS HYDRAULIC ZF SERIES

High Performance Zinc-Free Hydraulic Fluids

DESCRIPTION

Texas Hydraulic ZF Series is a range of Zinc-free, anti-wear hydraulic fluids, formulated with high quality base oils and a unique additive system that has been optimized for hydraulic applications where silver plated components are common. In addition to its compatibility with silver components, it has effective resistance to wear, oxidation, oxidation and high viscosity index giving it an outstanding performance over a broad range of operating temperatures.

Texas Hydraulic ZF Series has 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

- AFNOR NE E 48-603 HM
- Cincinnati Milacron P70
- DIN 51 524 Part 2 HLP

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	0.5	<1.0	1.0	2.0	2.5
Density, kg/litre @ 15^{o}C	0.868	0.870	0.888	0.887	0.890
Kinematic Viscosity, mm^{2}/s @ 40^{o}C	30.7	45.6	66.9	97.1	146.7
Kinematic Viscosity, mm^{2}/s @ 100^{o}C	5.2	6.67	8.5	10.9	14.3
Viscosity Index	98	98	97	96	95
Pour Point, ^{o}C	-21	-21	-18	-18	-15
Flash Point COC, ^{o}C	220	222	230	236	240