



## TEXAS TRANS TD

High Performance Transmission & Drive Train Lubricant

## PRODUCT DATA SHEET

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### DESCRIPTION

TEXAS TRANS TD are high performance transmission and drive train lubricants engineered which combined highly refined base stock and supreme additives. These products are uniquely designed to optimize the performance of powershift transmissions, gearboxes, clutches, final drives and hydraulic systems

### PERFORMANCE STANDARDS

#### UTTO/Trans Specifications

- Caterpillar TO-4, TO-4M
- Caterpillar TO-2
- API GL-4
- Komatsu KES 07.868.1
- Allison C-4

#### Hydraulic Specifications

- Sperry Vickers/Eaton M-2950-S
- Sperry Vickers/Eaton I-280-S

### BENEFITS

- **Excellent frictional properties:** Optimum clutch friction retention & slippage control. Excellent anti-chatter brake performance, Extended clutch & brake life
- **Excellent load carrying, anti-wear and EP:** Greater wear protection, extended component life, reduced cost of operation
- **Prolonged oil service life:** Outstanding protection against deposit formation Longer seal life, extended drain & service intervals
- **Maintains correct shifting patterns:** The silicone foam inhibitor minimizes foam formations while enabling rapid release of entrained air to ensure smooth shifting in powerful shift transmissions and also Optimum performance in wet brakes, hydraulic system
- **Excellent thermal and oxidation stability:** Long oil life, reduced wear, extended equipment life
- **Very good low temperature pumpability:** Reduced time from start-up to production

### TYPICAL APPLICATIONS

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway Construction, logging, mining and agriculture equipment
- All caterpillar and Komatsu powershift transmissions
- Suitable for most mobile equipment hydraulic applications

### TYPICAL PROPERTIES

	<b>TD10</b>	<b>TD30</b>	<b>TD40</b>	<b>TD50</b>
SAE Grade	10W	30	40	50
Viscosity, Brookfield Cp @ (Temperature)	60,000 @ -35 °C	50,000 @ -25 °C	60,000 @ -30 °C	100,000 @ -15 °C
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	40.8	92.6	142	224
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	6.5	10.9	14.4	19.1
Viscosity Index	110	102	99	96
Pour Point, °C	-39	-30	-30	-30
Zinc M%	0.11	0.11	0.11	0.11

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.