



## TEXAS GEARTRA EPX

Premium Quality Multi-grade Automotive Gear Oils

# PRODUCT DATA SHEET

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### DESCRIPTION

Texas Geartra EPX gear oils are excellent, multi-purpose premium quality gear lubricants blended to meet the multi-grade viscosity requirements described in SAE J306 standards. Formulated with highly refined, high VI (viscosity index) base oils, they are shear stable lubricants that maintain their viscometric properties throughout their useful life. They impart extreme pressure properties on automotive gears, which may be operating under the most severe conditions. Specially selected additives provide anti-weld, anti-scuff, anti-wear protections necessary in heavy-duty gear lubricants.

Even with operating condition approaching 150°C, Texas Geartra EPX oils consistently out-perform similar conventional automotive gear oils. The EP additives provide superior protection of the gear teeth against spalling. Spalling occurs when flakes of metals break away from the tip of a gear tooth after repeated stress.

Texas Geartra EPX lubricants provide excellent oxidation stability that resist oil degradation and thickening during long period of high temperature operations. They are designed for the most severe service conditions encountered in passenger cars, trucks, farm tractors, earthmoving, construction and other heavy-duty machinery. Texas Geartra EXP can be applied in the lubrication of hypoid, spur, bevel, helical, spiral-bevel and worm gears in differentials, transmissions, final drives, transfer cases and steering mechanisms.

### PERFORMANCE STANDARDS

- API GL – 5 LS
- API GL – 4/5 LS
- SAE J2360
- MT – 1
- MACK GO – J
- MIL – L – 2105D

### TYPICAL APPLICATIONS

- Texas Geartra EPX is recommended for a wide range of applications where a multi-purpose gear oil of API Service GL-5 oil is specified.
- Suitable for use in gearboxes, final drives and power take-offs on farm and earth-moving machinery.
- Used for lubricating the hypoid, spur, bevel, helical, spiral-bevel and worm gears in differentials, transmissions, final drives, transfer cases and steering mechanisms.

### BENEFITS

- Outstanding oxidation and thermal stability
- Extended equipment life and reduced maintenance costs
- Superior load carrying capability in heavy-duty applications
- Smoother power transmission
- Wider operating temperatures
- Maintain clean gear surfaces thus minimizing wear
- Protect against spalling

### TYPICAL PROPERTIES

SAE Grade	Geartra EPX 80W/90	Geartra EPX 85W/140
Density, kg/Litre @ 15°C	0.889	0.896
Colour ASTM	2.5	4.0
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	155.1	430.1
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	15.8	29.2
Viscosity Index	105	96
Brookfield Viscosity, cP, @ -12°C	-	55,000
Brookfield Viscosity, cP, @ -26°C	136,000	-
Pour Point, °C	-27	-15
Flash Point COC, °C	232	244
Copper Corrosion	1b	1b

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.