PRODUCT DATA SHEET

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TEXAS GEARTRA HD

Premium Quality Automotive Gear Oils

DESCRIPTION

Texas Geartra HD gear oils are high performance automotive gear lubricants based on the proven sulphur – phosphorus additive system. 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 and anti-wear protections necessary in heavy-duty gear lubricants.

Texas Geartra HD lubricants are blended with highly refined base oils and special inhibitors to 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, earth-moving, construction and other heavy-duty machinery. Texas Geartra HD can be applied in the lubricant of hypoid, spur, bevel, helical, spiral-bevel and worm gears in differentials, transmissions, final drives, transfer cases and steering mechanism.

PERFORMANCE STANDARDS

- API GL – 5 LS
- MIL – L – 2105D

TYPICAL APPLICATIONS

- Texas Geartra HD is recommended for a wide range of applications where a 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 HD 90**	**Geartra HD 140**
Density, kg/Litre @ 15^{o}C	0.898	0.901
Colour ASTM	2.5	4.0
Kinematic Viscosity, mm^{2}/s @ 40^{o}C	179.8	445.7
Kinematic Viscosity, mm^{2}/s @ 100^{o}C	16.8	30.1
Viscosity Index	98	96
Pour Point, ^{o}C	-12	-9
Flash Point COC, ^{o}C	232	252
Copper Corrosion	1b	1b