PRODUCT DATA SHEET

Issued on 22ND August 2017

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TEXAS GEARTRA EP OIL

Multi-grade Automotive Gear Oil

DESCRIPTION

TEXAS GEARTRA OIL EP GL-4 is an extreme-pressure (EP), multi-grade and multi-purpose gear lubricant for automotive differential and manual transmission, particularly those operating at high-speed, low-torque and low-speed, high-torque conditions. It is also used in the final drives and other gear cases of truck, cars, buses, farm tractors and earth moving equipment where oil of API GL-4 is required

Blended with highly refined base oils and proven multifunctional gear additives based on Sulphur-phosphorus chemistry, TEXAS GEARTRA EP OIL GL-4 exhibit excellent chemical and thermal stability over a wide range of temperatures. The extreme-pressure additives in the oils also provide superior protection of gear teeth against spalling. Spalling occurs where flakes of metal breaks away from the surface of a gear tooth after repeated stress.

PERFORMANCE STANDARDS

- API GL – 4

TYPICAL APPLICATIONS

- Texas Geartra HD GL-4 is recommended for a wide range of applications where a gear oil of API Service GL–4 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, pitting and scoring

TYPICAL PROPERTIES

SAE Grade	**Geartra EP 80W90**	**Geartra EP 85W140**
Density, kg/Litre @ 15°C	0.888	0.901
Appearance	B & C	B & C
Kinematic Viscosity, mm^2/s @ 40°C	146.5	425.35
Kinematic Viscosity, mm^2/s @ 100°C	15.2	29.7
Viscosity Index	100	97
Pour Point, °C	-20	-12
Flash Point COC, °C	238	240