Protecting Key HD Axle and Transmission Components

Caltex Heavy Duty Gear Oils PROVIDE A WIDE RANGE OF PERFORMANCE

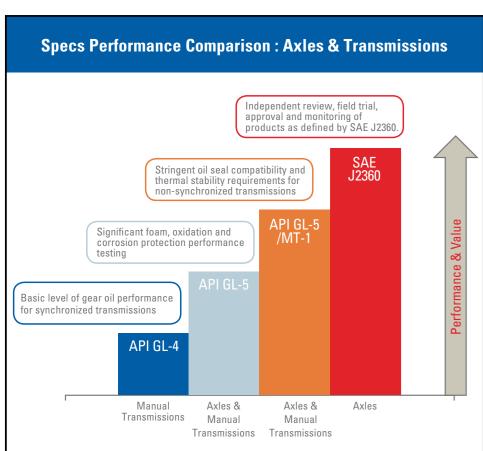
Heavy-duty truck axles and transmissions have been designed to run at high temperatures, handle increased loads and cope with exposure to water and contaminants.

Caltex Heavy Duty Gear Oils have been designed with additive technology that exceeds the requirements of industry specifications providing superior protection for bearings and gears.

Count on Chevron's industry experience and technology leadership to provide the appropriate Heavy Duty Gear Oil Products to help you stay ahead of these challenges by protecting and maximizing the life of your key equipment and vehicles.

Gear Oil Specifications

The quality of the gear oils that go into today's axles and transmissions is critical to the vehicles performance. The API (American Petroleum Institute) defines axle and transmission oils as GL-4, GL-5, MT-1, or J2360 by designing specific performance requirements for a gear lubricant to meet these hardware needs.





Chevron has a wide range of gear oils that provide unique features and benefits for vehicles with manual transmissions and axles.



Specifications/ OEM Coverage	Standard	Better	Best	Ultimate Synthetic
GL-4/GL-5	6	•	•	•
MT-1		•	•	•
J2360		•	•	•
MB				•
MAN				•
Dana/Meritor			•	•
Volvo/Mack			•	•
ZF				•
Scania		•		•
Extended Drain			•	•

*These products may not be available in all countries. Ask your local Caltex representative for more information.

* Delo Gear EP-4 meets API GL-4.

for purpose protection designed to meet GL-4 and GL-5

Multi-use products with proven performance for GL-4, GL-5 and some OEM approvals.

Lubricants developed to provide maximum durability which in turn allows longer life of the equipment as well as longer drain intervals meeting GL-4, GL-5, MT-1 and some OEM approvals.

Advance synthetic formulation rendering lowest maintenance cost, extended drain oil intervals, proven field performance while exceeding GL-4, GL-5, MT-1, J2360 and all major OEM specifications

Caltex's Delo branded gear oils' robust formulations result in additional protection as shown below in the L60 gear cleanliness test.









Delo® Heavy Duty Gear Oils

PERFORMANCE UNDER SEVERE CONDITIONS

For decades, Delo is committed to helping your vital gear parts and your business operate efficiently. We work to ensure your critical parts are protected.

In the L-42 Test for Load-Carrying Properties under High Speed and Shock Loading, Delo Gear EP-5, showed excellent performance at resisting scoring and significant wear in this industry recognized test program.



The test simulates a truck operational environment characterized by high speed and shock loading within the drive axles. This type of environment occurs in vehicles where abrupt accelerations and decelerations are common. The high speed and shock loading often leads to scoring on gear surfaces.

In the L-37 Test for Load-Carrying Properties at Low Speed / High Torque, Delo Gear Oils showed excellent performance at resisting scoring and significant wear in this industry recognized test program.



The test simulates an extreme load and high pressure operational environment inside a hypoid axle typical of a large truck. Low-speed, high torque operating environments lead to anomalies like abrasive wear, adhesive wear, plastic deformation, and surface fatigue. These conditions eventually can lead to gear and bearing failure, if left unprotected.

Delo® Driveline Products Engineered for Extreme Protection





Delo





Delo® Gear EP-5

High performance and multipurpose thermally stable extreme pressure (EP) automotive gear lubricant with proven performance for API GL-5 and MT-1.

Benefit

- Long gear life
- Excellent thermal and oxidation stability
- Excellent foam inhibition
- Seal protection

Performance Standard

• SAE J2360 (approved)

Meet the requirement of:

- API GL-5 (self-certified)
- API MT-1 (self-certified)
- Meet the requirement of Mack GO-J



Delo® Gear EP-4

Multipurpose extreme pressure (EP) automotive gear lubricant with proven performance for API GL-4.

Benefit

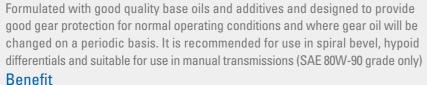
- Long gear life
- Rust and corrosion protection
- Seal protection

Performance Standard

Meet the requirement of:

API GL-4





- Good gear life
- Seal compatibility
- Market general performance
- Extreme pressure protection

Performance Standard Meets the requirements of:

- API GL-5
- API GL-4



The products featured are short listed and may not be available in all locations. There is a full suite of Caltex products that customers can consider for their needs. Please call your local Caltex sales representative to find out more. Always check OEM requirements when making changes and utilize used oil analysis for extended oil drain intervals.



A Chevron company product

