

Shift to greater efficiency.

ODE GL-4

Extreme Pressure Automotive Gear Oil

Byco ODE GL-4 is a high quality oil for manual transmission and gear lubricant containing multi-functional additives required for mild extreme pressure conditions and requirements.



Applications

- All industrial application, automotive, agricultural gear sets, lubrication of track rollers of crawler tractor for which API GL-4 oil acceptable/performance level required.
- It provides excellent lubrication of manual gearboxes of motorcycle, passenger cars and commercial vehicles operation under high-speed low torque and low-speed high torque condition.
- Suitable for rear axles application presenting condition of medium severity, such as light -duty commercial vehicle passenger cars and motorcycle.

Performance Level

- API service classification GL-4

Customer Benefits

- **Long Life Low Maintenance**
Selected highly refined base oil and special inhibitor system provide good oxidation stability to resist oil degradation and shrinking of oil.
- **Low Maintenance Cost**
Special mild-EP additive and corrosion inhibitor system is non-corrosive toward sensitive copper alloy components and protect ferrous metal against rusting in presence of moisture. Good thermal stability keeps gear cases and bearing clean and free from harmful deposits.

Note: Not suitable for heavy duty hypoid axles.

Key Properties

| Properties | GL- 4 | GL- 4 | Test Method |
|---------------------|-------|-------|-------------|
| SAE Grade | 90 | 140 | - |
| Viscosity | | | |
| @40°C mm2/s | 185 | 358 | ASTM D-445 |
| @100°C mm2/s | 17.3 | 27 | ASTM D-445 |
| Viscosity Index | 100 | 101 | ASTM D-2270 |
| Pour Point°C | -15 | -12 | ASTM D-97 |
| Flash Point (COC)°C | 185 | 200 | ASTM D-92 |

Note: The typical characteristics are given as a guide only and may vary according to latest production according to ISO.



ENVIRONMENTAL, HEALTH & SAFETY

Environmental, Health & Safety Information of this product is available in Byco Material Safety Data Sheet (MSDS). Customers are encouraged to review this information, follow precautions and complying with the guidelines in consuming of the product, its use and disposal.

Product Data Sheet

byco

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