

Shift to greater efficiency.

ODE GL-5

Automotive Hypoid Differential Oil

Byco ODE GL-5 axle oil is blended for wide range lubrication of automotive containing EP additives required for extreme pressure/heavy-duty conditions.



Applications

- All industrial application, automotive hypoid gear differentials operating under high-speed /shock load, high-speed low torque and low-speed high torque conditions where API GL-5 is recommended.
- It provides excellent lubrication heavy duty non-synchronized manual transmission where API GL-5 performance required.
- Suitable for hypoid gear axles, motorcycle gear units separated from the engine.
- Automotive transmission, differential.
- Moderate to heavily loaded gear sets in stationary and moving equipment.

Performance Level

- API service classification GL-5

Customer Benefits

- **Prolong Oil & Equipment Life**
Specially selected additives provide good anti-wear, anti-rust and special inhibitor system provide good oxidation stability to resist oil degradation and thinking of oil under severe operating conditions. High performance sulfur-phosphorus EP additive system provides excellent load carrying capacity to protect gear equipment. Resistance to corrosion alloys and ferrous metals.
- **Low Maintenance Cost**
Special dispersant and additive package suspends sludge and carbonaceous deposits in the gear oil, preventing their deposit on gear components and oil seals, thus avoiding the premature oil change overhaul service cost. Excellent thermal stability minimizes the total amount of harmful deposits.

Key Properties

Properties	GL- 5	GL- 5	Test Method
SAE Grade	90	140	-
Viscosity			
@40°C mm ² /s	180	355	ASTM D-445
@100°C mm ² /s	17	27	ASTM D-445
Viscosity Index	100	101	ASTM D-2270
Pour Point°C	-15	-12	ASTM D-97
Flash Pint (COC)°C	180	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.

byco

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Product Data Sheet