



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

COMET EP 140

DESCRIPTION

Comet EP 140 is a high-performance heavy-duty gear lubricant. These lubricants are multipurpose extreme pressure lubricants meeting the requirements of manufactures of different types of cars. They are formulated for automotive gearboxes, axles, transmission boxes and industrial gearboxes where an API GL-4 performance is required.

APPLICATIONS

- Automotive hypoid gear differentials operating under high torque conditions.
- Heavy-duty non-synchronized manual gear transmissions and transaxles requiring a GL-5 type lubricant.
- On-highway light and heavy-duty trucks, buses, vans as well as saloon cars.
- Off-highway machines for construction, agriculture, quarrying and mining.
- Automotive steering gears.
- Top up of Limited Slip Differentials after break-in of new or rebuilt units.

FEATURES & BENEFITS

- Reduced maintenance costs of gearboxes and differentials due to additive package with ability to suspend sludge and deposits; prolonging gear and seal life.
- Enabling higher speeds, higher torque and heavier loads; thus maximizing equipment life.
- Provides good resistance to foaming and are compatible with automotive seals and gaskets.
- Extends gear equipment life due to additive package that provides excellent load carrying capacity.
- Protects gear surface from premature failure due to scoring, spalling or spitting under heavily loaded conditions.
- Good thermal stability to keep gear cases and bearings clean and free from harmful deposits.
- Provides long oil service life due to its excellent oxidation stability to resist oil degradation and thickening.

MEETS PERFORMANCE LEVELS

- API GL-4
- MIL-L-2104, MB 235.1



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PHYSICAL PROPERTIES

Properties	Test Method	Unit	Typical Values
Appearance	Visual		Clear and bright
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	249.51
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	24.67
Viscosity Index	ASTM D 2270		125
Flash point COC	ASTM D92	°C	210

HEALTH AND SAFETY

Prolonged and repeated contact with oil may cause skin disorders. In case of skin contact, wash immediately with soap and water. Do not discharge used oils into drains or environment. Dispose to authorized used oil collection point.

NB: Always store on temperatures between -5 to 40 °C



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