



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

COMET EP 80W/90 GL4

DESCRIPTION

Comet SAE 80W90 GL-4 is a high performance heavy-duty gear lubricants. 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 manual gearboxes fitted with the synchromesh and transaxles.
- Passenger cars, light and heavy duty trucks as well as commercial vehicles.
- Automotive spiral bevel and worm gear differentials.
- Off highway machines for construction, mining, quarrying and agriculture.
- Automotive steering gears.
- Tractor and agricultural machinery gear sets.
- Oil-lubricated track rollers of crawler tractors.
- Industrial applications where API GL-4 gear lubricants are recommended.

FEATURES & BENEFITS

- Provides low maintenance of gearboxes by protecting copper alloys from corrosion and ferrous materials from rust.
- Enables higher speeds, higher torque and heavier loads.
- Good thermal stability to keep gear cases and bearings clean and free from harmful deposits.
- Extends equipment life due to the EP additive system that provides good load carrying capacity to resist gear tooth wear and scoring.
- 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	118.2
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	15.3
Viscosity Index	ASTM D 2270		135
Pour point	ASTM D 97	°C	-26
Flash point COC	ASTM D92	°C	212
pH emulsion	ASTM D 1287		7.5

HEALTH AND SAFETY

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

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



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