



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

COMET SAE 80W90 GL-5

DESCRIPTION

Comet SAE 80W90 GL-5 is a multipurpose gear lubricants suitable for API GL-5 extreme pressure services. The products are high performance multipurpose, thermally stable EP automotive gear oil formulated for applications where GL-5/ MT-1 performance level 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-5, GL-4
- API MT-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

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 at authorized used oil collection point.

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



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