

## EnerG G GEAR PLUS 80W-90

### HEAVY DUTY GEAR OIL

#### Description:

**EnerG G Gear Plus 80W-90 is a high-performance, extreme-pressure gear oil** formulated to meet **API GL-5** requirements. It is designed for heavy-duty automotive transmissions, differentials and hypoid gears operating under severe load, high torque and shock conditions. The product provides excellent wear protection, oxidation resistance and thermal stability, ensuring longer gear life and reliable performance.

#### Key Features & Benefits:

- Excellent extreme-pressure (EP) protection
- Superior wear and scuffing resistance
- High thermal and oxidation stability
- Good low-temperature flow characteristics
- Protects gears against rust and corrosion

#### Applications

Recommended for hypoid gears in passenger, commercial, and off-highway vehicles  
Suitable for manual transmissions (API GL-5) and high-load, shock-resistant differentials

#### Performance Standards

Meets or exceeds: API GL-5

#### Typical Physical & Chemical Properties

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Appearance	Visual	—	Clear & Bright
Crackle Test	Visual	—	Nil
Density @ 29.5°C	ASTM D-1298	kg/ml	0.8846
Colour	ASTM D-1500	—	L2.0
Kinematic Viscosity @ 40°C	ASTM D-445	cSt	143.0
Kinematic Viscosity @ 100°C	ASTM D-445	cSt	14.70
Viscosity Index	ASTM D-2270	—	102
Flash Point (COC)	ASTM D-92	°C	216
Pour Point	ASTM D-97	°C	-24
Total Acid Number	ASTM D-974	mg KOH/g	1.40

*Values are typical and based on laboratory test results*

#### Storage & Handling

Store in a cool, dry place away from direct sunlight and keep containers tightly closed when not in use  
Always follow standard safety and proper lubricant handling practices

#### Health & Safety

When used as intended and handled properly, this product does not pose significant health hazards and for detailed safety information, refer to the Material Safety Data Sheet (MSDS).

#### Disclaimer

The information provided herein is based on laboratory evaluations and is intended as a general guide only actual performance may vary depending on engine condition, fuel quality, operating environment and maintenance practices.

#### EnerG Lubricants

Registered office : C-48, Okhla Industrial Estate, Phase-1, New Delhi-1100020  
Corporate office : E-21, Sector-8 Gautam Budh Nagar, Noida (U.P) India  
UAE office : S16W912Shed No.16 Al Hulaila FZ -Al Hulaila Industrial Free Zone RAK, United Arab Emirates  
E-mail: info@energlubricants.com Tel No.: +91-7009090995,+971506078866