

POWER GEAR EP 90

Extreme Pressure Gear Oil

POWER GEAR EP 90 is a premium quality extreme pressure (EP) multipurpose gear oil formulated using high-quality, solvent-refined high viscosity index base oils and a carefully balanced additive system. This formulation ensures outstanding protection against wear, corrosion, and foaming under severe operating conditions.

KEY BENEFITS

- Superior **anti-wear protection** for extended gear life
- Excellent **rust and corrosion resistance**, even in the presence of moisture
- Outstanding **foam control** to ensure stable lubricant film
- Enhanced **oxidation stability** for extended oil service life

APPLICATIONS

POWER GEAR EP 90 is recommended for use in automotive gearboxes, differentials, and rear axles where EP performance is required. Particularly in **hypoid and bevel gear** systems operating under moderate to severe conditions.

Note: Not recommended for use in industrial gear systems containing copper or copper alloy components.

PERFORMANCE SPECIFICATIONS

POWER GEAR EP 90 meets or exceeds the following industry specifications:

- **API GL-4**
- **BIS: 1118 – 1992** (EP Type)
- **MIL-L-2105** (U.S. Military Standard)
- **UK Defense Standard CS 3000A**

TYPICAL CHARACTERISTICS

POWER GEAR EP 90		
TEST PARAMETERS	METHOD	TYPICAL VALUES
Density	ASTM D1298	0.882
Kinematic viscosity at 40°C, c.St	ASTM D7042	175.0
Kinematic viscosity at 100°C, c.St	ASTM D7042	16.55
Viscosity Index	ASTM D2270	99
Flash Point °C, min.	ASTM D92	232
Pour Point, °C, max.	ASTM D97	-6

Note: Always consult your owner's manual to check for recommended viscosity grade and specifications of oil for your particular vehicle.

Health, Safety & Environment

POWER GEAR EP 90 is not expected to produce any significant health & safety hazard when used properly in intended application. However, avoid skin contacts by using proper Gloves. After skin contact, wash immediately with soap and water. For details, follow Material Safety Data Sheet.

Disposing any used oil in drainage is hazardous to environment. Take used oil to an authorized Collection point.