

Multi-energy Heavy Load Gear Oil

OVERVIEW

Multi-energy Heavy Load Gear Oil is a heavy-duty automotive gear oil blended from deeply refined base oil and a balanced additive package. It is designed for axles and final drives that must carry extreme pressure and shock loading.

KEY BENEFITS

- ▶ High extreme-pressure (EP) and anti-wear performance protects gear teeth under shock load.
- ▶ Strong thermal and oxidation stability resists thickening and deposit formation.
- ▶ Effective rust and corrosion protection extends component life.
- ▶ Good low-temperature fluidity for reliable cold-start lubrication.

APPLICATIONS

Recommended for automotive gear sets — particularly hypoid and spiral bevel gears under heavy load — oil-lubricated universal joints and manual steering gears. Best suited to heavy vehicles operating on-highway and off-road.

PERFORMANCE LEVELS

Formulated to meet the performance requirements of:

API GL-5 / GL-5+ • MIL-L-2105D • MAN 342 Type M-1

These are performance levels, not certifications. The listing does not represent a current OEM approval or an API licence.

AVAILABLE GRADES

Available in SAE 80W-90, 85W-90 and 85W-140.

TYPICAL DATA

Property	80W-90	85W-90	85W-140
Kinematic viscosity (100 °C), mm ² /s	14.2	17.2	26.4
Viscosity index	130	102	99
Flash point, open cup (°C)	220	238	246
Pour point (°C)	– 36	– 24	– 18

Typical values only — not a specification. Minor batch-to-batch variation does not affect product performance.