

## DISCRIPTION

**IDEAL GEAR LIFE** High-performance multipurpose gear oil formulated with premium base oils and advanced extreme pressure (EP) additives. Designed to provide reliable protection for manual transmissions and hypoid gears operating under moderate to severe conditions.

**IDEAL GEAR LIFE** is a high-quality extreme pressure lubricant engineered for use in manual transmissions, transaxles, spiral bevel gears, and moderately loaded hypoid gear systems. Formulated from carefully selected base oils and a balanced EP additive package, it delivers excellent wear protection, thermal stability, and resistance to oxidation.

This lubricant ensures smooth gear shifting, reduces friction and component wear, and protects against rust and corrosion. It maintains stable viscosity across a wide temperature range, ensuring dependable lubrication performance in both high and low ambient conditions

## APPLICATION

**IDEAL GEAR LIFE is recommended for use in**

- Manual transmissions requiring API GL-4 performance level
- Spiral bevel and hypoid gears under moderate loads
- Light-duty and medium-duty trucks
- Passenger cars
- Buses and agricultural equipment
- Construction machinery where GL-4 oil is specified

## BENEFITS

- Excellent extreme pressure protection
- Smooth gear shifting performance
- Reduced wear and extended gear life
- High thermal and oxidation stability
- Effective rust and corrosion protection
- Good anti-foam properties
- Stable viscosity under varying temperatures

**IDEAL GEAR LIFE**

**85W90 GL-4**

**SYNTHETIC TECHNOLOGY**

## PRODUCT DATA SHEET



### Performance

API GL-4

### AVAILABILITY

SAE Grade 80W90 , 85W90 And 85W140

**Packaging:** 1Q,1L,4Q, 4L,5Q, 5L, 18L, 20L, 25L, Drums, IBC.

### Specification

| Test Parameter         | Units             | Test Limits | Test Method  |
|------------------------|-------------------|-------------|--------------|
| SAE Grade              |                   | 85W90       | -            |
| Appearance             | -                 | C&B         | Visual       |
| Density @ 15°C         | g/cm <sup>3</sup> | 0.88        | ASTM D-4052  |
| Viscosity @ 40°C       | cSt               | 150         | ASTM D-445   |
| Viscosity @ 100°C      | cSt               | 13.5 – 18.5 | ASTM D-445   |
| Viscosity Index,min.   | -                 | 105         | ASTM D- 2270 |
| Flash Point(COC), min. | °C                | 218         | ASTM D-92    |
| Pour Point, max.       | °C                | -26         | ASTM D-97    |
| CODE                   |                   | 502/2       | -            |

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