

## **DISCRIPTION**

**TECHNO GEAR LIFE** is a high-performance extreme pressure transmission lubricant formulated to provide reliable protection for manual gearboxes, differentials, and axles operating under moderate to heavy load conditions.

**TECHNO GEAR LIFE** is a premium quality gear lubricant formulated with high-quality base oils and advanced extreme pressure (EP) additives. It is specially designed to protect manual transmissions, spiral bevel gears, and axles operating under moderate to severe service conditions.

This lubricant provides excellent load-carrying capability, protects against wear, rust, and corrosion, and ensures smooth gear shifting performance. It offers strong thermal stability and oxidation resistance to maintain consistent viscosity and extend service life.

## **APPLICATION**

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

- Manual transmissions requiring **API GL-4**
- Spiral bevel gears
- Moderate load differentials
- Steering gear units
- Light and medium duty commercial vehicles
- Passenger cars and trucks where GL-4 is specified

## **BENEFITS**

- Excellent extreme pressure protection
- Reduces gear wear and scoring
- Smooth gear shifting performance
- Strong oxidation and thermal stability
- Protects against rust and corrosion
- Long service life
- Maintains viscosity under heavy load

## **Performance**

**API**

**GL-4**

**TECHNO GEAR LIFE**  
**140 GL-4**  
**SYNTHETIC TECHNOLOGY**

## PRODUCT DATA SHEET



### AVAILABILITY

SAE Grade 90 and 140

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

### Specification

| Test Parameter          | Units             | Test Limits    | Test Method  |
|-------------------------|-------------------|----------------|--------------|
| SAE Grade               | -                 | <b>140</b>     | DIN 51511    |
| Appearance              | -                 | C&B            | Visual       |
| Density @ 15°C          | g/cm <sup>3</sup> | 0.88           | ASTM D-4052  |
| Viscosity @ 40°C        | cSt               | <b>320</b>     | ASTM D-445   |
| Viscosity @ 100°C       | cSt               | <b>24 - 33</b> | ASTM D-445   |
| Viscosity Index, min.   | -                 | 100            | ASTM D- 2270 |
| Flash Point (COC), min. | °C                | 245            | ASTM D-92    |
| Pour Point, max.        | °C                | -18            | ASTM D-97    |
| Code                    | -                 | <b>504/2</b>   | -            |

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