

### PRODUCT DESCRIPTION

Super Hypoid Gear 80W-90 is an extra high-performance on-road and off-road gear oil recommended to use in most spiral bevel and hypoid differentials, power dividers and oil-lubricated steering axle-wheel bearing with heavy-duty conditions where API GL-5 or MIL-L-2105D is required. Formulated with extreme pressure (EP) component and friction modifiers to deliver optimum wear protection of gear parts exposed to very high pressures. Prevents gear teeth wearing and chipping. Safe for use in any type of seal and yellow metals in gear system.

### APPLICATION

Recommended for most spiral bevel and hypoid differentials, power dividers and oil-lubricated steering axle-wheel bearing with heavy-duty conditions. Used in front axle and rear axle differentials. Protects the critical mechanisms of limited slip differentials. For modern passenger cars, vans, CUVs, SUVs, trucks, trailers, constructions, mining, off-highway and on-highway applications operating at different climates. Ensures good flow properties for a maximized gear protection.

This product is not recommended for applications requiring API GL-4 level performance.

### WARRANTY

Super Hypoid Gear 80W-90 meets or exceeds the OEM's warranty requirements of vehicles and machineries where API GL-5, MIL-L-2105D gear oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
SAE Grade	-	80W-90	SAE J306
Kinematic viscosity at:			
40 °C	cSt	148.10	ASTM D445
100 °C	cSt	14.93	ASTM D445

### CUSTOMER BENEFITS

- Longer Gear Life**  
 Extreme pressure properties protect hypoid and other types of gears from scuffing and wear. Excellent rust, staining, and corrosion protection. Excellent thermal stability and resistance to high temperature oxidation.
- Seal Protection**  
 Formulated to protect against oil seal deterioration. Compatible with typical automotive seals and gaskets. Minimum leakage and reduced contamination.
- Comfortable Drive**  
 Reliable friction performance for minimal clutch slippage, smooth and quiet brakes giving a reliable transmission operation.
- Cost Savings**  
 Carefully blended to provide optimal efficiency, maximum uptime and reduced maintenance and downtime.

### MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API GL-5
- MIL-L-2105D

Suitable for use in various OEMs with most spiral bevel and hypoid differentials, power dividers and oil-lubricated steering axle-wheel bearing with heavy-duty conditions requiring API GL-5 or MIL-L-2105D.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

Viscosity index	-	100	ASTM D2270
Color	-	L2.0	ASTM D1500
Flash point	°C	214	ASTM D92
Pour point	°C	-33	ASTM D6892
Density at 30 °C	kg/L	0.8842	ASTM D4052

## ***STORAGE AND HANDLING GUIDELINES***

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

## ***HEALTH, SAFETY & ENVIRONMENT PROTECTION***

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO. LTD. disclaims any liability in case the product is used with violation of these instructions and warnings or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI<sup>®</sup> distributor.