

# ULTRA HYPOID GEAR OIL

## 75W-85 GL-5/MT-1

### PRODUCT DESCRIPTION

TOTACHI ULTRA HYPOID GEAR OIL 75W-85 GL-5/MT-1 is fully synthetic gear oil for semi-automatic transmissions, which require API GL-5 oils with antiscoring and antiwear additives and viscosity grade SAE 75W-85. It is manufactured from high viscosity index synthetic base oils with excellent antioxidizing properties and outstanding high-temperature stability. All these characteristics provide the possibility to use the product with increased drain intervals. TOTACHI ULTRA HYPOID GEAR OIL 75W-85 GL-5/MT-1 contains the unique balanced complex of additives, capable to minimize wear, to lower friction, to prevent oxidation and foaming at intensive operation of vehicles in conditions of city "traffic-jams" or in severe climate conditions with low ambient temperatures.

### APPLICATION

- TOTACHI ULTRA HYPOID GEAR OIL is designed specially for the manual automated transmissions of passenger cars and commercial vehicles.
- The product can be applied in severe arctic conditions in constant mesh manual gearboxes, transfer cases, drive axles with hypoid final drives, which require gear oils with antiscoring additives of API GL-5/MT-1 level.

### TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	ASTM
SAE Grade		<b>75W-85</b>	
Kinematic viscosity at:			
40 °C	cSt	73,31	ASTM D445
100 °C	cSt	11,95	ASTM D445
Flash point	°C	210	ASTM D92
Pour point	°C	≤-42	ASTM D97
Density at 30 °C	kg/l	0,8700	ASTM D4052
Viscosity index		159	ASTM D2270
Color		L1,0	ASTM D1500

### CUSTOMER BENEFITS

- The use of high viscosity synthetic base oils with excellent antioxidizing performance and excellent high-temperature stability allows the establishment of maximum increased service intervals.
- Outstanding fluidity of oil at low temperatures provides confident cold start of transmission in winter and fast gear shift. It also contributes to fuel economy.
- The formulation of TOTACHI Ultra Hypoid Gear Oil contains sulfur phosphorous EP additives with low level of adverse effect on non-ferrous metal alloys and seal materials. The product is fully compatible and may be used for top-off to API GL-5 compliant synthetic gear oils.

### MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- **SAE 75W-85;**
- **API GL-5/MT-1.**

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

## **STORAGE AND HANDLING GUIDELINES**

- Avoid exposing products to direct sunlight.
- Cans, packed in cardboard boxes, must be stored in dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors on pallets and racks.
- If stored outdoors drums should be placed sidewise to avoid accumulation of moisture.

## **HEALTH, SAFETY AND 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.

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