



## **TAREX GEAR-X5 75W-140 GL-5**

### **SYNTHETIC GEAR OIL**

#### **Product Description:**

TAREX GEAR-X5 75W-140 GL-5 Synthetic Gear Oil is a synthetic gear oil designed to provide optimum protection under extreme load conditions while maintaining high efficiency and excellent load-carrying capability where extreme pressures and shock loading are expected. It helps reduce wear and noise under all operating conditions. It is manufactured using LS (Limited Slip) additives, which provide reliable operation in off-road vehicles and machines with 4x4 all-wheel drive. It is suitable for both on- and off-road use in synchronized and non-synchronized heavy-duty drivetrains and in rear axles. It provides excellent thermal and oxidation stability, an extremely low pour point, and good low-temperature fluidity. It is specifically designed for transaxles, gearboxes, and limited-slip differentials. It does not require an additional friction modifier for use in limited-slip differentials, as the coefficient of friction is appropriate for non-chatter performance.

#### **Applications:**

TAREX GEAR-X5 75W-140 GL-5 Synthetic Gear Oil is recommended for use both on- and off-road in synchronized and non-synchronized heavy-duty drivetrains and in rear axles. It is especially suitable for mechanical gearboxes in cars and trucks, as well as for vans with and without lockable differentials, where GL-5 grade oil is specified.

#### **Benefits:**

- ❖ Compared to conventional hypoid gear lubricants, it provides improved stability and protection against thermal and oxidative degradation, wear, corrosion, and viscosity loss associated with premature shearing
- ❖ Provides extended service intervals with improved efficiency
- ❖ Reduced gear wear due to enhanced frictional properties
- ❖ Good high- and low-temperature shifting performance
- ❖ Compatible with common seal materials
- ❖ Excellent oxidation resistance
- ❖ Excellent corrosion protection
- ❖ Prevents foaming

#### **Meets the Specifications:**

API GL-5; SAE J2360; MIL-PRF-2105E; MACK GO-J; ARVIN MERITOR 0-76; BMW MSP/A (Hinterachse); FORD M2C187-A/M2C192-A/M2C192-A+M2C118A; GM 12346140; GM 1942386; MB 235.61; DZF TE-ML 21B/19C/16F/12B/07A/05A

**Please check your owner's manual for the manufacturer's recommended oil viscosity grade and API classification and approvals.**

#### **Technical Data:**

<b>TAREX</b>	<b>Test Method</b>	
API		GL-5
SAE Grade		75W-140
Density at 15 °C, gr/cm <sup>3</sup>	ASTM D 1298	0.875
Viscosity at 40 °C, cSt	ASTM D 445	180 - 186
Viscosity at 100 °C, cSt	ASTM D 445	24.4 - 25.5
Viscosity Index	ASTM D 2270	160
Flash Point, °C	ASTM D 92	230
Pour Point, °C	ASTM D 97	-38

Above values are the typical values of the products and may vary with each batch.