



## **TAREX GEAR-X5 75W-140 STO 1 GL-5**

### **FULL SYNTHETIC GEAR OIL**

#### **Product Description:**

TAREX GEAR-X5 75W-140 STO 1 GL-5 Full 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. This product is designed for heavy-duty drivetrains requiring gear lubricants with relatively high viscosity. 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:**

Heavy-duty automotive manual transmissions, axles, and final drives requiring API GL-5 and Scania STO 1:0 performance levels. On-highway light- and heavy-duty trucks, buses, and vans, including Scania vehicles. Off-highway applications including construction, mining, quarrying, and agriculture. Differentials, final drives, transfer cases, and other gear applications where lubricants meeting API GL-5 service, multipurpose, or EP gear lubricant requirements are recommended.

#### **Benefits:**

- ❖ Enhanced EP properties, reduced gear wear, and extended service life in transmissions, gearboxes, and final drives
- ❖ Extended service intervals with improved efficiency and potential fuel economy benefits
- ❖ Exceptional thermal stability and resistance to high-temperature oxidation, contributing to long gear and bearing life due to minimal deposits
- ❖ Exceptional shear stability, retaining viscosity and film strength under severe operating conditions to help prevent wear
- ❖ Outstanding low-temperature fluidity compared with mineral oils, reducing wear and improving start-up performance
- ❖ Compatible with typical automotive seals and gaskets, minimizing leakage and reducing contamination
- ❖ Excellent corrosion protection, helping prevent corrosion and extending equipment life

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

API GL-5; LS SCANIA STO 1:0; MACK GO-J PLUS; ARVIN MERITOR 0-76-M; MIL-PRF-2105E/L-2105 D; ZF 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	0.87 - 0.88
Viscosity at 40 °C, cSt	ASTM D 445	185 - 195
Viscosity at 100 °C, cSt	ASTM D 445	24.5 - 25.5
Viscosity Index	ASTM D 2270	Min. 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.