



## **TAREX GEAR-X5 75W-90 STO 1 GL-5**

### **FULL SYNTHETIC GEAR OIL**

#### **Product Description:**

TAREX GEAR-X5 75W90 STO 1 GL-5 Full Synthetic Gear Oil is a synthetic gear oil designed to provide optimum protection under extreme load conditions, whilst maintaining high efficiency providing excellent load-carrying capability where extreme pressures and shock loading are expected. It is used both on and off track in synchronized and non-synchronized heavy-duty drivetrains and in rear axles. It provides excellent thermal and oxidation stability, extremely low pour point, and low-temperature fluidity. It is specifically designed for transaxles, gearboxes and also limited slip differentials. It does not need an additional friction modifier for use in limited slip differentials as the co-efficient of friction is high enough 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 industries 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:**

- ❖ 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 and potential fuel economy benefits
- ❖ Reduced gear wear due to enhanced frictional properties, contributing to longer equipment life
- ❖ Good high- and low-temperature shifting performance
- ❖ Compatible with common seal materials

#### **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-90
Density at 15 °C, gr/cm <sup>3</sup>	ASTM D 1298	0.86 - 0.87
Viscosity at 40 °C, cSt	ASTM D 445	105 - 112
Viscosity at 100 °C, cSt	ASTM D 445	14.7 - 15.2
Viscosity Index	ASTM D 2270	141
Flash Point, °C	ASTM D 92	225
Pour Point, °C	ASTM D 97	-41

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