



## **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, whilst maintaining high efficiency; providing 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 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 level performance. On-highway light and heavy duty trucks, busses and vans including Scania. Off-highway industries including: construction, mining, quarrying, and agriculture. Differentials, final drives, transfer cases and other gear applications where lubricants meeting API service GL-5, multipurpose, or EP gear lubricants are recommended.

#### **Benefits:**

- ❖ Enhanced EP properties, reduced gear wear and extended life in transmissions, gearboxes, and final drives
- ❖ Extended service with increased efficiency and higher fuel economy
- ❖ Exceptional thermal stability and resistance to high temperature oxidation, long gear and bearing life due to minimal deposits
- ❖ Exceptional shear stability, retains viscosity and film strength under severe operating conditions to prevent wear
- ❖ Outstanding low temperature fluidity versus mineral oils, reduced wear and ease of start-up
- ❖ Compatible with typical automotive seals and gaskets, minimum leakage and reduced contamination
- ❖ Excellent corrosion protection, preventing corrosion for increased equipment life

#### **Meets the Performances:**

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:**

TAREX	Test method	
API		GL-5
SAE Grade		75W-140
Density at 15°C gr/cm³	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.