

# Product Data Sheet

## Gear Synth VA

### Description and Applications

**Saheli Gear Synth VA** is fully synthetic fuel economy axle lubricant designed for long drain intervals in latest heavy and medium duty commercial vehicles and off-highway equipment operating in most severe operating conditions. It is blended from synthetic base fluids and advanced technology additive system to provide extended durability of driveline components and enhanced fuel efficiency. It meets the most stringent requirements of Volvo Transmission Oil Specification 97312 for extended drain interval and also exceeds the requirements of Daimler, MAN and other major global OEM/ industry specifications.

### Features and Benefits

- Exceptional thermo-oxidative stability helps in extending the oil life – significantly longer than conventional gear oils.
- Superior frictional properties and low viscosity profile provide improved fuel economy.
- Unique additive technology provides outstanding load bearing characteristics resulting in longer gear and bearing life and hence reduced maintenance costs and increased vehicle uptime.
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchronizer life and improves shifting performance.
- Outstanding low temperature fluidity reduces wear at start up even under low ambient temperatures.
- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe operating conditions.
- Excellent dynamic and static seal compatibility and seal protection minimizes seal leaks and thus reduce overall lubricant usage over the entire life of the equipment.

### Applications

- Exclusively developed for Volvo Axles (approved against Volvo Transmission Oil Specification 97312) and axles of other OEMs like Daimler, MAN, TATRA where such quality oils are required
- Gear boxes requiring oils meeting Scania STO 1:0 specification
- Heavy duty on-highway vehicles and off-highway equipment transmissions, axles and final drives where API GL-5 and MIL-PRF-2105E quality oils are specified

### Specifications

- **API GL-5, MIL-PRF-2105E**
- Daimler MB 235.8, MAN 342 Type S-1, SCANIA STO 1:0
- ZF TE-ML 12B, 16F, 17B, TATRA, Volvo Trans. Oil 97312

Test Parameters	Test Method	Typical Results
<b>SAE Viscosity Grade</b>	<b>J2360</b>	<b>75W90</b>
Density @ 15°C gm/cm <sup>3</sup>	ASTM D1298	0.867
Viscosity Index	ASTM D2270	160
Viscosity @ 100°C (cSt)	ASTM D 445	16.80
Pour Point °C	ASTM D 97	-50
Flash Point (COC) °C	ASTM D 92	200

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.