

Product Data Sheet

Gear Synth VF

Description and Applications

Saheli Gear Synth VF, SAE 75W80 is fully synthetic supreme performance manual transmission lubricant specially developed for heavy duty Volvo transmissions used in on-road commercial vehicles and off-highway equipment operating in most severe conditions. It is blended from synthetic base fluids and advanced technology additive system to provide enhanced gear shiftability, extended service life and excellent protection against component wear and oil seal deterioration. **Saheli Gear Synth VF SAE 75W80** meets the most stringent requirements of Volvo STD 1273,07 for extended drain intervals.

Features and Benefits

- Meets the performance requirements of synchromesh transmissions which includes synchromesh compatibility, thermal stability and shift feel
- Unique additive technology provides outstanding load bearing characteristics resulting in longer gear and bearing life and hence reduced maintenance costs and enhanced equipment durability
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchronizer and bearing life and improves shifting performance
- Outstanding low temperature fluidity reduces wear at start-up and helps in smoother shifting at low ambient temperatures
- Superior frictional properties provide improved fuel economy

Applications

- Volvo manufactured manual Transmissions (approved against Volvo Transmission Oil Specification 97307) operating in ambient temperatures less than -25°C
- Voith Retarders in Trucks and Buses for against Oil Class C – specified for longest oil drain intervals
- Manual Transmission of Heavy Duty On-highway and Off-highway vehicles requiring such quality oils

Specifications

- **API GL-5, MIL-PRF-2105E**
- Daimler MB 235.29
- Volvo Transmission Oil 97307 (Volvo STD 1273,07)
- Voith Turbo, Retarder – Oil Class C

Test Parameters	Test Method	Typical Results
SAE Viscosity Grade	J2360	75W80
Density @ 15°C gm/cm ³	ASTM D1298	0.861
Viscosity Index	ASTM D2270	144
Viscosity @ 100°C (cSt)	ASTM D 445	10.25
Pour Point °C	ASTM D 97	-55
Flash Point (COC) °C	ASTM D 92	220

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.