

Product Data Sheet

Gear Synth MP

Description and Applications

Saheli Gear Synth MP oil is a fully synthetic thermally stable total driveline gear lubricant designed to meet the demanding requirements of light and heavy duty commercial vehicles and off-highway equipment operating in most severe operating conditions. **Saheli Gear Synth MP** is blended from synthetic base fluids and advanced technology additive system to provide unmatched protection for extended durability of driveline components. **Saheli Gear Synth MP** has outstanding load-carrying capability and high viscosity index to provide effective lubrication in applications encountering high-speed/shock load and low-speed/high torque conditions. The wide temperature range and the excellent low temperature fluidity offer improved fuel economy.

Saheli Gear Synth MP exceeds Scania STO 1:0 requirements and other major global industry specifications. Exists in grades **75W90** and **75W140**.

Features and Benefits

- Unique additive technology allows the use of one single lubricant in rear axles, synchronized and non-synchronized manual transmissions and therefore helps in rationalization of products.
- Exceptional thermo-oxidative stability and load bearing characteristics help in extending the life of the driveline components and the oil.
- 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 and provides smoother shifting at low ambient temperatures.
- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe operating conditions.
- Superior frictional properties provide improved fuel economy and smoother shift ability.

Applications

Saheli Gear Synth MP is recommended for rear axles, synchronized and non-synchronized manual transmissions requiring single lubricant and drive trains requiring oils meeting MAN 3343 Type S and Scania STO 1:0.

Saheli Gear Synth MP is also suitable for On-road and Off-highway transmission applications.

Saheli Gear Synth MP is not recommended for automatic transmissions and limited-slip differentials!

Specifications

Meets and exceeds:

- **API GL-5. Exists in API GL-4**
- Approved Scania STO 1:0
- MIL-PRF-2105E, MACK GO-J

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Test Parameters	Test Method	Typical Results	
SAE Viscosity Grade	J2360	75W90	75W140
Density @ 15°C gm/cm3	ASTM D4052	0.868	0.871
Viscosity Index	ASTM D2270	154	168
Viscosity @ 100°C (cSt)	ASTM D 7042	16.00	25
Pour Point °C	ASTM D 97	-51	-45
Flash Point (COC) °C	ASTM D 92	230	230
Brookfield Viscosity @ -40°C	ASTM D 2983	70300cP	135000cP

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.

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