



**Product Data Sheet**

**AUTOGEAR OIL SYN 75W-90**

**Product Description:**

**AUTOGEAR OIL SYN 75W-90** is a high quality fuel conserving fully synthetic total driveline gear lubricants designed to meet the demanding requirements of light duty and heavy duty commercial vehicles and off-highway equipment operating in most severe operating conditions. Unique additive technology allows the use of a single lubricant in rear axles, synchronized and non-synchronized manual transmission.

**AUTOGEAR OIL SYN 75W-90** is formulated with high quality synthetic base oil in combination with a special additive package to reach the following properties:

- Unique additive technology allows the use of a single lubricant in rear axles, synchronised and non-synchronised manual transmissions and therefore helps in rationalisation 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 synchroniser 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.

**AUTOGEAR OIL SYN 75W-90** exceeds the following performance criteria:

API GL-4/5, MT-1	MAN 342-M3	MIL-PRF-2105E	Scania STO 1:0
MB 235.0 / 235.8	SAE J2360	MACK GO-J	MAN M3343S
MAN 341-E2	MAN 341-Z2	Arvin Meritor 0-76-N	ZF TE-ML 02B/05B/07A/12B/12N/16F/17B/19C/21B

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	75W-90
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	876
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	92
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	15.4
Viscosity Index		ASTM D2270	177
Brookfield @-40°C	cP	ASTM D2983	150000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-36

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