



## 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** meets the following performance criteria:

API GL-4/5, MT-1	MAN 342 M3	MIL-PRF-2105E	Scania STO 1:0
Volvo 97312	SAE J2360	MACK GO-J	DAF
MAN 341 E3	MAN 341 Z2	Arvin Meritor 0-76-N	ZF TE-ML 02B/05A/07A/12L/12N/16B/17B/19B/21A
Bosch TE-ML 08	IVECO		

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J306	75W-90
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	877
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	109.1
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	16.1
Viscosity Index		ASTM D2270	159
Brookfield @-40°C	cP	ASTM D2983	150000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42

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