



# 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**  
**Volvo 97312**  
**MAN 341 E3**  
**5A/07A/12L/12N/16B/17B/19B/21A**

**MAN 342 M3**  
**SAE J2360**  
**MAN 341 Z2**  
**MAN 342 M3**

**MIL-PRF-2105E**  
**MACK GO-J**  
**Arvin Meritor 0-76-N**  
**Bosch TE-ML 08**

**Scania STO 1:0**  
**DAF**  
**ZF TE-ML 02B/0**  
**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	105.3
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	15.8
Viscosity Index		ASTM D2270	160
Brookfield @-40°C	cP	ASTM D2983	150000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-45

**Product Nr:** 43100

**Date Superseded:** 13-08-2018

**Date Issued:** 13-12-2019

**Revision nr:** 06