

# MOL-GEAR SH 75W90

Fully Synthetic Automotive Gear Lubricant

## Product Description:

**MOL-GEAR SH 75W90** is a fully synthetic, supreme performance commercial gear lubricant formulated using advanced base oils and the latest technology additive system. This lubricant is engineered for heavy duty manual transmissions and rear axles where operations require gear lubricants with relatively high viscosity and excellent load-carrying capability with wide temperature conditions and where extreme pressures and shock loading are expected. It has higher thermal and oxidation stability, higher inherent Viscosity Index (VI), extremely low pour point, and improved low temperature fluidity.

## Features:

- Exceptional thermal stability and resistance to high temperature oxidation
- Outstanding protection against low speed/high torque wear, spalling, and against high speed scoring
- Excellent shear stability
- Excellent rust, staining, and corrosion protection of copper and its alloys
- Enhanced frictional properties
- Outstanding low temperature fluidity versus mineral oils
- Wide multipurpose capability
- Good resistance to foaming
- Compatible with typical automotive seals and gaskets.

## Applications:

- Heavy duty manual transmissions and axles requiring API GL-4, GL-5 & MT-1 level performance.
- On highway light and heavy-duty trucks, busses, vans, and cars.
- Off highway industries including: construction, quarrying, and agriculture.
- Initial fill, top-up or refill of transmissions and axles and other applications where lubricants meeting API GL-4, GL-5 or MT-1 where mild extreme pressure gear lubricants are recommended.
- Not intended for automatic, manual, or semi-automatic transmissions for which engine oil or automatic transmission fluids are recommended.
- Where extended service intervals and warranties are required.

## Specifications:

- API GL-4/GL-5/MT-1

## Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

## Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 3 years

## Packing Available in:

- 20 lit

## Physical and Chemical Conditions:

MOL-GEAR SH 75 W 90	Method	Unit	75W90
Density @ 15° C	ASTM D 4052	g/cm <sup>3</sup>	0.87
Kinematic Viscosity @ 40° C	ASTM D 445	cSt	102
Kinematic Viscosity @ 100° C	ASTM D 445	cSt	15.1
Viscosity Index	ASTM D 2270	-	156
Flash Point, (COC)	ASTM D 92	°C	202
Pour Point	ASTM D 97	°C	-54

\*Meets the requirements of the OEM manufacturer.

\*The stated values can fluctuate within the normal range.

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