

TECHNICAL PRODUCT SHEET

# PRO GEAR EP/GL-5 75W—90



## DESCRIPTION

PRO GEAR EP/GL-5 is a high-quality synthetic gear oil designed for use in hypoid differentials, transmission axles, and steering systems of passenger cars, trucks, and construction machinery. It may also be used as a gearbox lubricant, providing a robust and reliable lubricating film even under shock load conditions. The formulation meets the performance requirements of API GL-5, ensuring dependable protection and long-lasting operation across a wide range of demanding applications.

## APPLICATIONS

PRO GEAR EP/GL-5 is ideal for heavy-duty hypoid differentials, transmission axles, and steering systems, and is suitable for a wide range of automotive applications, including passenger cars, light-duty vehicles, trucks, and construction equipment, where an API GL-5 performance level lubricant is recommended. It is also appropriate for use as a gearbox lubricant in passenger cars, providing reliable protection and consistent performance under demanding operating conditions.

## SPECIFICATIONS

API	GL-5	Military	MIL-L-2105D
ZF	TE-ML 05A	ZF	TE-ML 16B
ZF	TE-ML 07A	ZF	TE-ML 17B
ZF	TE-ML 12E		

## PROPERTIES

PRO GEAR EP/GL-5 utilizes advanced sulfur-phosphorus extreme-pressure (EP) additive technology to deliver strong load-carrying performance and gear protection. It offers excellent resistance to foaming and corrosion, ensuring reliable lubrication in demanding environments. The formulation provides exceptional thermal and chemical stability at elevated temperatures, while its superior viscosity-temperature characteristics and compatibility with conventional seal materials support long service life and dependable operation.

## BENEFITS

PRO GEAR EP/GL-5 provides effective wear protection against pitting and staining, even under severe load conditions, delivering enhanced load-carrying capability. Its formulation supports extended drain intervals and ensures smooth, reliable shiftability. By minimizing deposit and sludge formation, it helps prolong component life, while its excellent cold-flow properties offer flexibility of use across a broad range of operating temperatures.



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### PHYSICAL-CHEMICAL CHARACTERISTICS

PRO GEAR EP/GL-5	METHOD	SAE 75W-90
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.877
Viscosity, Kinematic (cSt) 40°C	ASTM D445	78.4
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.5
Viscosity index	ASTM D2270	194
Flash point, COC, °C	ASTM D92	198
Pour point, °C	ASTM D97	-42

The above mentioned characteristics represent mean values.

### STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



### HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



### USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

