

# Engen Gearlube EP Series

*Extreme Pressure (EP) Multipurpose Automotive Gear Lubricants*

## Description

Premium quality, multipurpose gear lubricants containing sulphur-phosphorus EP additives developed to meet the rigorous demands of commercial-fleet manual transmissions, drive axles and final drives. They are also suitable for similar components of farm and contractor equipment and passenger cars and when properly applied at the intervals recommended by car manufacturers, will comply with new car warranty requirements. Engen Gearlube EP Series oils are recommended for API Service Designation GL-5.

## Application

Engen Gearlube EP oils are suitable for initial fill, top-up and refill of manual gearboxes, gearcases of semi-automatic transmissions where EP gear oils are recommended, as well as drive axles and final drives of passenger cars, bakkies trucks and contractor, mine and farm equipment. The exceptional chemical and thermal stability of these oils permit their use at intermittent bulk oil temperatures up to 150°C with realistic drain and refill schedules. Engen Gearlube EP 90-A is one of the few lubricants available in Southern Africa which exceeds the requirements of MB sheet 235.6, which states that conforming products have improved frictional characteristics resulting in lower operating temperatures which obviously implies improved efficiency.

## Performance Level

API GL-5, MIL-L-2105D (EP 80W-90, 85W-140), MIL-L-2105B(EP 90-A), MAN 342 Type M-2, MB 235.6, (EP 90-A), ZF TE-ML-01 (EP 90-A).

## Benefits

- Resistance to high temperature oxidation.
- Multipurpose capability minimizes misapplication.
- Protection against wear & scoring under all operating conditions, High Speed, High Torque and Shock Loading.
- Protection against rust and corrosion in wet operating conditions.

## Typical Physical Characteristics

Engen Gearlube EP	80W-90	90-A	85W-140
SAE No.	80W-90	90	85W-140
Viscosity, cSt @ 40 °C	131	180	366
Viscosity, cSt @100 °C	14,4	17,0	26,6
Viscosity Index	109	95	97
Pour Point °C	-27	-21	-12
Timken OK Load, kg	30	18	30

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*Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.*

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