

# Engen Gearlube HP Series

*Automotive Gear Lubricants for GL-4 Applications*

## Description

These are automotive gear lubricants containing sulphur-phosphorus EP (Extreme Pressure) additives and are specially recommended for synchromesh transmissions where they provide full protection to bronze components, ensure reliable operation and smooth gear changes. They meet API Service Classification GL-4.

## Application

Engen Gearlube HP oils are suitable for transmission/axle combinations, synchromesh gearboxes and other applications which require a relatively low level of EP additives. Engen Gearlube HP series oils are recommended for manual transmissions. Engen Gearlube HP 80W-A is one of the few lubricants available in Southern Africa which exceeds the performance requirements of sheet 235.5, which states that conforming products have improved frictional characteristics resulting in lower operating temperatures which obviously implies improved efficiency.

## Performance Level

API GL-4, MIL-L-2105, ZF TE-ML-08, ZF TE-ML-02 (HP 80W-A), Ford SQM-2C 9008-A and MAN 341 Typ Z-2, MB 235.5 (HP 80W-A)

## Benefits

- Full protection for transmissions with bronze components.
- Protection against rust and corrosion.
- Easy gear change.
- Major equipment builder acceptance.

## Typical Physical Characteristics

Engen Gearlube	HP 80W-90	80W-A
SAE No.	80W-90	80W
Viscosity, cSt @ 40 °C	131	93
Viscosity, cSt @ 100 °C	14,4	11,5
Viscosity Index	100	95
Flash Point °C	164	165
Pour Point °C	-24	-27

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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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