



# DUCKHAMS HYPOID SAE 80W-90 GL-5 (Limited Slip)

*DUCKHAMS HYPOID SAE 80W-90 GL-5 (Limited Slip) is a high performance limited-slip automotive gear oil formulated from high quality base oil and contains high EP additive for heavy duty conditions with excellent gear protection, longer oil drain interval and transmission life. This product provide for the lubrication of axles equipped with limited slip differential (LSD) and hypoid gear axles that presenting conditions of moderate to heavily load applications.*

## Meet Performance :

- API GL-5 , MT-1
- Meritor 076-D (SAE 80W-90)
- Ford WSP-M2C197-A (SAE 80W-90)
- Drain-and-fill or Top-off limited-slip service, Axle wear protection the high teperature conditions demanded by passenger car OEMs for towing and off-road applications
- MACK GO-J
- SAE J2360 (Formerly MIL PRF-2105E)

## Applications :

- Recommended for high performance Limited Slip Differential (LSD) of 4 wheels drive SUVs and trucks.
- Recommended for non-synchronized manual transmissions used in buses and heavy duty trucks required API MT-1.
- Recommended for passenger car, commercial vehicles, heavy duty trucks required API GL-5.
- Off-highway equipments for construction, mining and agriculture.
- Suitable for hypoid gear axles under severe service and shock loads.

## Features and Benefits :

- Outstanding pitting, scuffing and wear protection.
- Excellent rust and corrosion protection.
- Effective low temperature lubrication.
- Good protection under high speed/shock load, high speed/low torque and low speed/high torque.
- Good in thermal and oxidation stability.
- Prevent clutch-slip for excellent performance in LSD.
- Good protection extreme pressure properties and strong oil film thickness and excellent protection gear under heavy duty usage.

## Typical Properties :

Properties	Test Method	Typical value
Appearance	Visual	Bright & Clear
Density @15 <sup>o</sup> C	ASTM D4052	0.8937
Density @30 <sup>o</sup> C	ASTM D4052	0.8842
Kinematic Viscosity @40 <sup>o</sup> C	ASTM D445	148.1
Kinematic Viscosity @100 <sup>o</sup> C	ASTM D445	14.93
Viscosity Index	ASTM D2270	100
Flash Point by COC, °C	ASTM D92	214
Pour Point	ASTM D5950/6892/6749	-33
Foaming: Seq. II @93.5°C, Tendency/Stability	ASTM D892	0/0

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

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