

## Product Description

**Transmission LS Gear Oils** are high performance extreme pressure gear oil containing friction modifiers. Designed for use in limited slip differentials, particularly those of the "cone clutch" design, to provide effective lubrication and eliminate chatter and 'squawk' from the friction clutches and extended life of these units. Suitable for most truck and car limited slip differentials.

## Product Features & Benefits

Anglomoil Transmission LS gear oils provide:

- **Extra thermal stability** and corrosion inhibition of the EP system limits corrosion of copper containing bearings and bushings.
- **Long Gear Life** due to the use of high performance EP additives that control gear tooth wear, even under the harshest conditions of high torque, low speed and shock loading.
- **Corrosion Protection.** Protection is afforded by Transmission LS Gear Oil to copper alloys under both wet and dry conditions. There is no interaction between these metals and the special additives used in Transmission LS Gear Oils.
- **Quiet, shudder free operation:** Special friction modifier system provides excellent lubricity characteristics for smooth, non stick/slip engagement and disengagement of friction elements.
- **Anti-Foam.** The natural development of foam in transmission service is highly undesirable because it promotes ineffective gear lubrication and premature wear. Transmission LS Gear Oil contains highly effective anti-foam agents.

## Application

Transmission LS Gear Oil 90 and 140 are recommended for the majority of limited slip hypoid differentials, both plate and cone clutch, in rear wheel drive cars, 4 WD vehicles and light trucks, under all operating conditions. LSD 140 is recommended for many truck and some 4 WD differentials

## Typical Characteristics

	SAE 90	SAE 140
SG@20° C	0.895	0.900
Viscosity @ 40°C, cSt	198.2	361.7
Viscosity @ 100°C, cSt	17.96	31.1
Viscosity Index	98.8	121.2

## Performance Levels

SAE J2360	Mack GO-J	ARVIN Meritor Axles
API GL-5	Ford M2C 118A	BTR 5m-31 5M-41
API MT-1	Dana 40819	GM HN1561, HN1187 & HN1386
MIL-PRF-2105E	Dana Chrysler MS 5630	