

# RM Transmission LS

## SAE 90 & 140

### Description

RoadMaster Transmission LS Gear Oils SAE 90 and 140 are high performance extreme pressure gear oils 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.

### Applications

RM 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, 4WD vehicles and light trucks, under all operating conditions. LSD 140 is recommended for many trucks and some 4WD differentials.

### Features & Benefits

- **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 Oils 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 systems provide 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.

### Specifications

Properties	Method	SAE 90	SAE 140
Specific Gravity @20 °C	ASTM D1298	0.901	0.90
Kinematic Viscosity @ 40°C	ASTM D445	195	422
Kinematic Viscosity @ 100°C	ASTM D445	18.0	30.0

### Performance Levels

SAE J2360	Mack GO-J	Arvin Meritor Axles
API GL-5 (and absolute API GI-6)	Ford M2C 118A	BTR 5M-31 5M-41
API MT-1	Dana 40819	GM HN1561, HN1187 & HN1386
MIL-PRF-2105E	Dana Chrysler MS5630	

Master Item# 1313 & 1317

Pack Size Availability: 5L, 20L, 200L & IBC=1000L & 20L

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