



RM Transmission EP

SAE 80W90 & 85W140

Description

RoadMaster Transmission EP SAE 80W90 & 85W140 mineral gear oils are available in differing viscosity grades designed for service in differentials, gear boxes and steering gears requiring a hypoid or extreme pressure lubricant.

Applications

Use Transmission EP Gear Oil for initial fill, service fill and top-up in car, truck and tractor transmissions. Suitable for manual transmissions, differentials, final drives, transfer boxes and steering boxes. Meets international OEM gear requirements e.g. Clark, Daimler-Benz, Eaton, Ford, Fuller, General Motors, Mack, Rockwell, Spicer and Volvo. Transmissions EP Gear Oil may also be used to top-up limited slip differentials. For a complete refill however, an LS' gear oil must be used.

Features & Benefits

RM Transmission EP Gear Oils provide:

- **Extra thermal stability.** The high oxidation stability avoids the high temperature degradation problems of 'coked' transmission synchroniser rings and obstructed oil ways which reduce the flow of oil to gears and bearings.
- **Improved oil seal life.** Premature oil seals failures due to high temperature are avoided, thanks to the thermal stability of Transmission EP Gear Oils. Without this protection, oil decomposition occurs and sludge and carbon can build up into the seal area. The oil temperature at the seal under lip can be 20 - 30 °C higher than the bulk oil temperature, causing catastrophic failure of the seal and eventually the gear unit. Seal problems have always represented the number one complaint of transmission manufacturers.
- **Gear life.** Transmission EP Gear oils provide long term durability and excellent protection against pitting fatigue which is the ultimate cause of failure of most gears. Original equipment manufacturers (OEM's) recognise that lubricant protection against pitting is a very desirable property for long transmission life. Field tests, laboratory spalling tests and Power Divider Snap tests confirm the ability of Transmission EP gear oil to extend gear life.
- **Corrosion protection.** Protection is afforded by Transmission EP 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 EP Gear Oils.
- **Anti-foam.** The natural development of foam in transmission service is highly undesirable because it promotes ineffective gear lubrication and premature wear. Transmission EP Gear Oil contains effective anti-foam agents.



RM Transmission EP

SAE 80W90 & 85W140

Specifications

Properties	Method	80W90	85W140
Specific Gravity @20 °C	ASTM D1298	0.898	0.901
Kinematic Viscosity @ 40°C	ASTM D 445	180.43	352.5
Kinematic Viscosity @ 100°C	ASTM D 445	17	26.52

Performance Levels

SAE J2360	ZF TE-ML 05A, 07A, 16B/C/D	MIL-PRF-2105E
API MT-1 & API GL-5	ZF TE-ML 17B, 19B	Scania STO1:0
Mack GO-J	O&K Carraro Approval	MAN 342 M-2



Master Item# 1317 & 1319
Pack Size Availability: 5L, 20L, 60L, 200L & IBC=1000L

Last Updated: 30th November 2023
Previously Updated: 25th February 2021

Sydney | Melbourne | Newcastle | New Zealand | Vietnam
AnglomOil Lubricants Group Pty. Ltd. | ABN 83 622 865 091

Int HQ: 2 Beaumont Road, Mt. Kuring-gai NSW 2080 Australia | Australia: P 1300 264 566
Int: P +61 2 9457 8566 | F +61 2 9457 8057 | E info@anglomoil.com | W www.anglomoil.com

Technical Data Sheet