

Product Description

Transmission EP Gear Oils are a range of extreme pressure multipurpose gear oils, available in differing viscosity grades designed for service in differentials, gear boxes and steering gears requiring a hypoid or extreme pressure lubricant.

Product Features & Benefits

Anglomoil 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 seal 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 in the seal area. The oil temperature at the seal under lip can be 20 - 30° 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.

Application

Transmission EP 75W 90 is a special formulation designed to overcome gear changing problems encountered in some manual gearboxes. The extreme pressure additives used in conventional GL5 gear oils are so effective that they inhibit the smooth operation of the synchromesh cones. This modified formulation, which is exclusive in Australia to Anglomoil, permits the synchromesh cones to operate effectively, overcoming "baulking" problems and allowing smooth changes, whilst at the same time maintaining GL5 performance. Its wide multigrade viscosity is ideal for low temperature gearbox operation and also provides efficient lubrication for the differential.

The formulation used for Transmission EP 75W 90 was developed in Europe to overcome gearshift problems and is approved by most of the major European automotive manufacturers.

Additional Information—Transmission EP 75W/90 meets the requirements for:

API GL-4	ZF TE-ML 02B, 05A, 07A, 08	MIL-PRF-2105E	MB 235.0	IVECO
API GL-5	ZF TE-ML 12E, 16B/C/D, 17B, 19B	Scania STO 1:0	Mack GO-J	DAF
API MT-1	ARVIN MERITOR 0-76-N	MAN M 3343 Type M	SAE J2360	

Typical Characteristics

	SAE 75W/90
Viscosity @100°C	16.7
Viscosity @ 40°C	88.6
Viscosity Index	204
Specific Gravity @ 20°C	0.881

Anglomoil Superior Lubricants

Lubricants for Automotive - Industry - Food - Farm Machinery - Marine - Earthmovers - Road Transport

2 Beaumont Rd, Mt Kuringai, NSW, Australia Phone: +61 2 9457 8566, Fax: +61 2 9457 8057 Email: info@anglomoil.com Web: www.anglomoil.com