



## TECHNICAL DATA SHEET

### GEM MULTI GEAR OIL – EP 90

#### Product Description:

Gem Multi Gear Oil EP 90 is a universal extreme pressure monograde gear oil. Gem Multi Gear Oil EP 90 is blended from high quality base oils and contains an optimum balance of additives to provide a lubricant with outstanding anti wear protection. They are designed to cope with the increasing demands of today's motoring conditions, which include high shock/load, high/torque, and high/speed service conditions.

#### Application:

Gem Multi Gear Oil EP 90 is particularly suitable for synchromesh gearboxes as fitted to Ford, Austin Rover and VW-Audi cars. It is also suitable for most ZF and Fuller gearboxes used on commercial vehicles used in the United Kingdom.

#### Advantages/Benefits:

- Excellent load carrying ability for intended service.
- Outstanding low & high temperature performance.
- Long service life.
- High level of wear protection.
- Meets performance levels of API GL-4, and United States Military Specification MIL-L-2105.
- Excellent oxidation stability.
- Good corrosion protection.

#### Typical Test Data

Inspection	Result
SAE Classification	80W
Viscosity @ 100°C mm <sup>2</sup> /sec	19.85
Viscosity @ 40°C mm <sup>2</sup> /sec	229.1
Viscosity Index	99
Flash Point, Open Cup °C	222
Pour Point °C	-11
Phosphorous Mass %	0.055
SG 15.6°C	0.891



Gem Oils use a QMS system which is  
ISO 9001:2015 approved

Gem Oils Limited  
Regaskin  
Cavan H12 E4W2  
Ireland  
Tel +353 (0) 49 4331077  
www.gemoils.ie

Rev 001 Date 01.01.22