

Shell Spirax MA

High quality heavy duty gearbox oil



Spirax MA is an extreme-pressure automotive gear lubricant containing multi-functional additives required for mild extreme-pressure conditions.

Applications

- **Automotive transmissions**
SAE 80W extreme pressure transmission oil blended to meet the requirements of Mercedes Benz and ZF.

Performance Features and Benefits

- **Comprehensive components**
Specially selected additives impart good anti-wear, oxidation stability and anti-rust characteristics.

Specification and Approvals

API Service Classification	GL-4
Mercedes Benz Sheet	235.1
MAN	341 Typ Z1, E1
ZF TE-ML	02A, 17A

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet which can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics

Spirax MA		80W
SAE Viscosity grade	SAE J 306	80W
Kinematic Viscosity	ISO 3104	
at 40°C	mm ² /s	87.0
at 100°C	mm ² /s	9.9
Viscosity Index	ISO 2909	92
Density at 15°C	kg/m ³	893
Flash Point COC	°C	180
Pour Point	°C	-36

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.