Shell Transmission MB

Synthetic high quality axle oil

Transmission MB is a fully synthetic axle oil designed to fulfil the latest Mercedes Benz and other heavy duty axle requirements.

Applications

- ***Heavy duty axles***
  in particular those working under very heavy load and severe operation conditions as well as non synchronised transmissions where mineral and synthetic gear oils are recommended.
  This product is particularly designed to meet the latest Mercedes Benz heavy duty transmission requirements and can be used where this manufacturer recommend an approved lubricant according to the Sheet 235.8.

Performance Features and Benefits

- ***Longer oil drain potential***
  Working temperature reduction behaviour ensures long-term protection of the gears and higher oxidation resistance so providing extended drain capability.

- ***Longer oil and equipment life***
  Excellent protection against gear wear and pitting prevent premature failure. Excellent oxidation resistance and thermal stability extend components and lubricant life.

- ***High viscosity index***
  enable minimum variation of oil viscosity with changes in ambient and operating temperatures.

Specification and Approvals

API Service Classification	GL-5
US Military	MIL-PRF-2105E
SAE J 2360	meets
Mercedes Benz Sheet	235.8
DAF	SAE J 2360
Also approved for:	
MAN	342 Typ S1
Scania	STO 1:0
ZF	12B-16F-17B
Volvo	97312
ArvinMeritor EU	Rear Axle 400,000km extended drains

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

Transmission MB			**75W-90**
SAE Viscosity grade		SAE J 306	75W-90
Kinematic Viscosity		ISO 3104	
at 40°C	mm^2/s		118
at 100°C	mm^2/s		17.1
Viscosity Index		ISO 2909	159
Density at 15°C	kg/m^3	ISO 12185	867
Flash Point COC	°C	ISO 2592	215
Pour Point	°C	ISO 3016	-48

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