Technical data sheet

A long-term, high performance SAE J 2360 lubricant for HGV axles and reduction gears.

PERFORMANCES

Standards:
API GL-5
API MT-1

Specifications:
Mercedes MB 235.20
ZF TE ML 05A 05B 07A 08 12B 12E 16B 16C
16D 16F 17B 19B 19C 21A 21B
MIL-PRF-2105E / SAE J 2360
MAN 342 Type M3
SCANIA STO 1:0

Can be used if a standard MB 235.0 or 235.6 compliant oil is required.

ADVANTAGES

LONG GEAR 80W-90 is an oil containing specific extreme pressure additives technology. It possesses very high thermal stability and good oxidation resistance.

LONG GEAR 80W-90 also provides a high corrosion protection level and good compatibility with the elastomers used for seals.

LONG GEAR 80W-90 is able to extend oil change intervals up to:
- 350,000 km for Daimler (DC 235.20)
- 240,000 km for Arvin Meritor Europe gearboxes

USES

Transmission oils with special additives for lubricating vehicle axles.

Lubricating Mercedes-Benz axles (HL6 axles).

Hypoid gears under very heavy loads, in tough applications.

Suitable for lubricating hypoid axles…MAN, IVECO, DAF, RENAULT.

SCANIA gearbox (synchromesh or otherwise).

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	kg/m3	903
Viscosity at 40°C	ASTM D445	mm²/s	145
Viscosity at 100°C	ASTM D445	mm²/s	15.1
Viscosity index	NF T 60-136	-	105
Pour point	ASTM D97	°C	-24
COC flash point	NF T 60-118	°C	200

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

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