

Mabanol Radon Gear GL 5 85W-90, 80W-90, 85W-140

Hypoid Gear Oils for Gear Boxes and Drive Axles

Application

These hypoid gear oils are designed for use in heavy-duty drive axles with hypoid gears and for bevel and spur gears, steering gears and non-synchromesh gearboxes in motor vehicles.

Properties

These hypoid gear oils are composed of selected base oils with matching additives. Their viscosity settings are chosen to ensure both good flowing characteristics at low temperatures and fantastic lubrication at high temperatures.

Specifications

- SAE Grades 85W-90, 80W-90, 85W-140
- API GL-5
- MIL-L-2105 C/D

Approval

- MAN 342 Typ M1 (except 85W-140)

Approved under a different title / recommended for

- Volvo 97310 (except 80W-90)
- MB-Sheet 235.0 (only 85W-90)
- Voith 132.00374400 (only 85W-90)
- DAF
- ZF TE-ML 16C (only 85W-90), 16B (only 80W-90), 17B, 21A, 19B (except 85W-140)
- ZF TE-ML 16D, 21A (only 85W-140)
- Ford SQM-2C-9002 AA (only 85W-90)
- Renault (only 80W-90)

Data

SAE Grade

	Test method	Unit	85W-90	80W-90	85W-140
Density at 15°C	DIN 51 757	g/cm ³	0,902	0,897	0,906
Viscosity at -12°C	DIN 51 398	mPa s	20.000	–	89.000
Viscosity at -26°C	DIN 51 398	mPa s	–	130.000	–
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	198	140	337
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	17,6	13,9	24,7
Viscosity Index (VI)	DIN ISO 2909		95	98	95
Flashpoint COC	DIN ISO 2592	°C	216	210	220
Pourpoint	DIN ISO 3016	°C	-24	-33	-21
FZG-Test A/8, 3/90	DIN 51 354	Fail stage	> 12	> 12	> 12

Updated in August 2016

The above values may vary within the commercial limits.

Customs Tariff No.: 3404 1980