

Mabanol Radon Gear GL 4 85W-90, 80W-90, 85W-140

EP Multi-purpose Gear Oils GL-4

Application

These are EP multi-purpose gear oils which can be used for all purposes in the servicing of gearboxes (with and without synchromesh), transfer gearboxes, various steering gears and normal duty drive axles – particularly passenger car transaxle systems – insofar as hypoid gear oil in accordance with MIL-L-2105 B/C or API GL-5 is not explicitly stipulated.

Properties

These multi-purpose gear oils are made from selected base oils with matching additives. Their viscosity settings are chosen to ensure both good flow-on characteristics at low temperatures and high lubrication safety at high temperatures.

Specifications

- SAE Grades, 85W-90, 80W-90 and 85W-140
- API GL-4
- MIL-L-2105

Approval

- MB Approval 235.1 (except 85W-140)

Approved under a different title / recommended for

- ZF TE-ML 16A/17A
- ZF TE-ML 19A (except 85W-140)

Data

SAE Grade

	Test method	Unit	85W-90	80W-90	85W-150
Density at 15°C	DIN 51 757	g/cm ³	0,896	0,891	0,902
Viscosity at -12°C	DIN 51 398	mPa s	< 150.000	–	–
Viscosity at -26°C	DIN 51 398	mPa s	–	137.000	118.000
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	207	141	399
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	17,4	14	26,6
Viscosity Index (VI)	DIN ISO 2909		90	99	90
Flash point COC	DIN ISO 2592	°C	220	224	285
Pourpoint	DIN ISO 3016	°C	-21	-27	-18
FZG-Test A/8, 3/90	DIN 51 354	Fail stage	> 12	> 12	> 12

Updated in August 2017

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1987