

# Mabanol Radon Gear GL 4 80W-85; 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 80W-85, 85W-90, 80W-90 and 85W-140
- API GL-4
- MIL-L-2105

## Approvals

- MB-Approval 235.1 (except for 85W-140)
- MAN 341 Type Z1 (except for 85W-140)
- MAN 341 Type E1 (except for 85W-140)

## Approved under a different title / recommended for

- ZF TE-ML 02A, 16A, 17A, 19A
- Ford SQM-2C-9008 A

## Data

	Test method	Unit	SAE Grade			
			80W-85	85W-90	80W-90	85W-140
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0.897	0.900	0.886	0.906
Viscosity at -12°C	DIN 51 398	mPa s	-	< 150,000	-	-
Viscosity at -26°C	DIN 51 398	mPa s	129,000	-	137,000	118,000
Kin. Viscosity at 40°C	DIN 51 562	mm <sup>2</sup> /s	114	207	141	510
Kin. Viscosity at 100°C	DIN 51 562	mm <sup>2</sup> /s	11.9	17.4	14	31
Viscosity Index (VI)	DIN ISO 2909		-	-	-	-
Flash point COC	DIN ISO 2592	°C	220	220	224	285
Pourpoint	DIN ISO 3016	°C	-30	-21	-27	-18
FZG-Test A/8, 3/90	DIN 51 354	Fail stage	> 12	> 12	> 12	> 12

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1987