

SAE 80W90

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MOLINOL GEAR GL-5 SAE 80W90

This is a high quality mineral gear oil that has been specifically developed for extreme pressure circumstances and meets that GL-5 specification. The anti-friction additive packages that are used in this product ensure easy shifting. This product is specifically developed to avoid corrosion of copper alloys and can be used in synchromesh gearboxes, transfer boxes, mechanical steering controls

and most rear axles. The Anti-wear properties of this products ensure long transmission life. This gear oil performs very well in severe conditions. This product contains effective anti-scuffing additives and can be used for hypoid gears that have significant displacement of axes. This product operates under various combinations of high-speed/shock load and lowspeed/high-torque conditions.

GRADE	METHOD	UNIT	VALUE
Density @ 15 °C	ASTM D4052	kg/l	0,896
Kinematic viscosity @ 40 °C	ASTM D445	mm ² /s	
Kinematic viscosity @ 100 °C	ASTM D445	mm ² /s	
Viscosity Index	ASTM D2270		99
Pour point	ASTM D6892	°C	-33
Flash point	ASTM D92	°C	210
CCS viscosity @ -12 °C	ASTM D2983	mPa.s	
CCS viscosity @ -26 °C	ASTM D2983	mPa.s	
CCS viscosity @ -40 °C	ASTM D2983	mPa.s	120000
Copper Corrosion	ASTM D130		

All data on this technical data sheet is indicative only.

Specifications

- ▷ API GL-5
- ▷ MAN 342 M-1
- ▷ MAN 342 M-2
- ▷ MIL MIL-L-2105 C
- ▷ MIL MIL-L-2105 D
- ▷ ZF TE-ML 05A
- ▷ ZF TE-ML 07A
- ▷ ZF TE-ML 12E
- ▷ ZF TE-ML 16B
- ▷ ZF TE-ML 16C
- ▷ ZF TE-ML 17B
- ▷ ZF TE-ML 19B