

SAE 80W90

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MOLINOL GEAR GL-5 LS SAE 80W90

This is a mineral GL-5 limited slip gear oil that is used in all hypoid rear axles with limited-slip mechanisms. This product contains additive packages that ensure that friction properties are adapted to limited slip applications. It ensures easy shifting, long transmission life and provides excellent protection against oxidation and corrosion.

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	0,897
Kinematic viscosity @ 40 °C	ASTM D445	mm ² /s	
Kinematic viscosity @ 100 °C	ASTM D445	mm ² /s	
Viscosity Index	ASTM D2270		97
Pour point	ASTM D6892	°C	-30
Flash point	ASTM D92	°C	210
CCS viscosity @ -12 °C	ASTM D2983	mPa.s	
CCS viscosity @ -26 °C	ASTM D2983	mPa.s	130000
CCS viscosity @ -40 °C	ASTM D2983	mPa.s	
Copper Corrosion	ASTM D130		

All data on this technical data sheet is indicative only.

Specifications

- ▷ API GL-5
- ▷ MIL MIL-L-2105 C
- ▷ MIL MIL-L-2105 D
- ▷ ZF TE-ML 05