



SPECIAL RACING GEAR LS 80W-250

Product Description:

SPECIAL RACING GEAR LS 80W-250 is a fully synthetic extremely thermally stable limited slip differential lubricant designed for racing and supercar applications. Extreme protection against heavy shock loads and very high torque applications. This product has successfully been tested and race-proven on OS Giken differentials.

SPECIAL RACING GEAR LS 80W-250 is **not** recommended for transaxle applications.

SPECIAL RACING GEAR LS 80W-250 is formulated with high quality 100% synthetic Poly Alpha Olefin (PAO) base oil in combination with a special additive package to reach the following properties:

- Exceptional thermo-oxidative stability and load bearing characteristics help in extending the life of the driveline components and the oil.
- Exceptional high anti-wear additive dosage providing maximum differential protection (2600+ ppm Phosphorus).
- Outstanding low temperature fluidity reduces wear at start up and provides smoother shifting at low ambient temperatures.
- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe racing conditions.

SPECIAL RACING GEAR LS 80W-250 exceeds the following performance criteria:

API GL-5 (LS)

MIL-L-2105D

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J306	80W-250
Density@15°C	kg/m ³	ASTM D4052	863.4
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	438.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	54.4
Viscosity Index		ASTM D2270	191
Low-Temperature Brookfield Viscosity @-26°C	cP	ASTM D2983	80000
Flash Point COC	°C	ASTM D92	>210
Pour Point	°C	ASTM D7346	-45

Product Nr: 45980

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