



Product Data Sheet

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. SPECIAL RACING GEAR LS 80W-250 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 J3000	80W-250
Density@15°C	kg/m ³	ASTM D4052	862
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	422
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	50.1
Viscosity Index		ASTM D2270	182
Brookfield @-26°C	cP	ASTM D2983	150000
Flash Point COC	°C	ASTM D92	>210
Pour Point	°C	ASTM D97	-45

Product Nr: 4598

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