



## Racing Gear Oil LSD 80W-250

Product Code: S10283

**Racing Gear Oil LSD 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**, while **Racing Gear Oil LSD 80W-250** is not recommended for transaxle applications.

**Racing Gear Oil LSD 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.

**Racing Gear Oil LSD 80W-250** exceeds the following performance criteria:

API GL-5 (LS)

MIL-L-2105D

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J306	80W-250
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	865
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	431
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	55.2
Viscosity Index		ASTM D2270	196
Viscosity Brookfield @-26°C	cP	ASTM D5293	150000
Flash Point COC, min	°C	ASTM D92	>210
Pour Point	°C	ASTM D7346	-45

