



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

L SERIES SYNTHETIC RACING GEAR OIL L9, L10, L11



Lucas Oil L Series Racing Gear Oils are fully synthetic, high performance racing gear oils designed for maximum scuffing resistance and wear protection in extreme racing environments. Tested, proven, and trusted by NASCAR, NHRA, Indy Car, and Formula 2 teams, Lucas Oil L Series Synthetic Racing Gear Oils offer outstanding performance in most racing drive train platforms including transmissions, differentials, transaxles, and gear reductions.

Lucas Oil L Series Racing Gear Oils are formulated with a unique additive chemistry unavailable anywhere else. Our formulations leverage our unique polymer technology to deliver outstanding viscosity index and volatility control while at viscosities much lower than traditional gear oils. This translates to significant boosts in power and performance without sacrificing durability. Lucas Oil offers five viscosity grades to allow drivers and crew chiefs to tune the durability and power gain to the needs of the track or vehicle class.

PART NUMBER AND SIZE:

Synthetic L9 Racing Gear Oil

10456 - 1 Quart (Case of 12)

10458 - 5 Gallon Pail (1 Pail)

10459 - 55 Gallon Drum

Synthetic L10 Racing Gear Oil

10460 - 1 Quart (Case of 12)

10462 - 5 Gallon Pail (1 Pail)

10463 - 55 Gallon Drum

Synthetic L11 Racing Gear Oil

10540 - 5 Gallon Pail (1 pail)

10541 - 55 Gallon Drum

Synthetic L12 Racing Gear Oil

10543 - 1 Gallon

10170 - 5 Gallon Pail (1 pail)

Synthetic L13 Racing Gear Oil

11113 - 5 Gallon Pail (1 pail)

FEATURES AND BENEFITS:

- Fully synthetic, ultra-low viscosity gear oils for racing.
- Increases delivered power by reducing friction without sacrificing durability.
- High Viscosity Index for film strength at high loads and operating temperatures.
- Outstanding thermal stability for extreme racing conditions.
- Embedded additives for limited slip differentials, no need to top treat.
- Full range of viscosity offerings for any race series or power train application.

MAIN APPLICATIONS:

Specially formulated for use in racing gear oil applications, including transmission, transaxle, and differential in multiple racing categories and platforms.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	Synthetic L9	Synthetic L10	Synthetic L11	Synthetic L12	Synthetic L13
API Gravity	D4052	35.7	36.6	39.2	40.2	35.7
Specific Gravity @ 60°F	D4052	0.846	0.842	0.829	0.824	0.846
Density @ 60°F LBS/US Gal	D4052	7.07	7.03	6.923	6.884	7.07
Viscosity @ 40°C, cSt	D445	34.9	15.0	11.44	7.64	5.17
Viscosity @ 100°C, cSt	D445	7.03	3.9	3.05	2.29	2.0
Viscosity Index	D2270	168	165	128	113	265
Color		Light Amber	Light Amber	Light Amber	Light Amber	Light Amber
Flash Point, COC °F	D92	>320	>320	>320	>320	>320

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)