RACING ENGINE OILS

Lucas Oil Racing Engine Oils are high-performance lubricants fortified with unique additives and polymers to deliver the maximum engine performance and protection on the market today. Developed from years of racing experience, this line of premium racing oils contains high levels of zinc, molybdenum, and phosphorus, which chemically react with metal surfaces to form protective wear resistant films under the most severe operating conditions racing can offer. Our base oil technology and unique polymers yield a tenaciously thick, shear-stable lubricant film that stands up to the toughest abuse during all racing conditions, including endurance racing or sprint, on the track or off-road. These fluids help dissipate heat faster resulting in lower oil temperatures, extended oil life, and reduced deposit, sludge, and varnish formation. Offered in two viscosity grades and three base oil options for the broadest range of applications, Lucas Oil Racing Engine Oils provide outstanding protection for cylinder walls and piston rings, help control oil burning, and boost oil pressure even in worn engines. Our unique chemistry is compatible with all racing fuels, and fully compatible with synthetic and non-synthetic oils.
Lucas Oil Racing Engine Oils are typically used in Sprint Cars, Modified, Late Model Dirt & Asphalt, NHRA, IHRA, Sportsman Drag Racing, Super Comp, Off Road Pro 2 & 4, Trophy Trucks, Air Cooled Volkswagen Buggies, Hot Rods, and Drifting.

PART NUMBER AND SIZE:

Synthetic 10W-40:

10911 - 5 Quart (Case of 3)

Synthetic 20W-50:

10616 - 5 Quart (Case of 3)

Semi-Synthetic 20W-50:

10378 – 5 Quart (Case of 3)

Conventional 20W-50:

10621- 5 Quart (Case of 3)

10623 – 5 Gallon Pail (1 Pail)

FEATURES AND BENEFITS:

- Outstanding shear stability and film strength for high horsepower engines.
- Zinc (typical zinc level = 1388 ppm) and Moly fortified for extreme wear protection.
- Perfectly balanced performance for High RPM engines.
- Proprietary, race proven chemistry not available anywhere else.
- Reduced fluid friction for more horsepower!
- Wear protection to combat the most severe applications.
- Compatible with all fuel types including alcohols, alcohol blends, and high-octane race fuels.

MAIN APPLICATIONS:

Lucas Oil Racing Engine Oils are for RACING APPLICATIONS ONLY. They are not recommended for passenger car use, or on vehicles equipped with modern emissions control devices. Two viscosity grades are available for the broadest range of applications and engine architectures.

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	10W-40	20W-50		
Base Oil		Synthetic	Synthetic	Semi-Synthetic	Conventional
API Gravity	D4052	28.8	29.9	31.8	32.0
Specific Gravity @ 60˚F	D4052	0.883	0.877	0.866	0.866
Density @ 60˚F, Lbs/US Gal	D4052	7.36	7.31	7.22	7.22
Viscosity @ 40˚C cSt	D445	105	156	157	164
Viscosity @ 100˚C cSt	D445	15.8	21.3	20.8	20.1
Viscosity Index	D2270	161	161	155	143
HTHS Viscosity, cSt	D4683	4.3	6.0	5.6	5.2
Phosphorus, ppm	D5185	2500	2500	2500	2500
Zinc, ppm	D5185	2050	2050	2050	2050
Color	Visual	Amber	Amber	Amber	Amber
Flash Point, PMCC ˚F	D93	375	385	390	390

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

HEALTH, SAFETY AND ENVIRONMENT:

Health and Safety information is available on the appropriate Safety Data Sheet, which can be obtained from LucasOil.com