SYNTHETIC RACING OILS

Lucas Oil Synthetic Racing 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 synthetic base oils 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 synthetic oils help dissipate heat faster resulting in lower oil temperatures, extended oil life, and reduced deposit, sludge, and varnish formation. Offered in six viscosity grades for the broadest range of applications, Lucas Oil Synthetic Racing 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 Synthetic Racing 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:

Syn 20W-50:

10615 – 946 mL (Case of 6)

10616 – 4.73 Litre (Case of 3),

FEATURES AND BENEFITS:

- Fully synthetic formulations.
- Zinc and Moly fortified for extreme wear protection.
- Perfectly balanced performance High RPM engines.
- Proprietary, race proven chemistry not available anywhere else.
- Reduced fluid friction for more horsepower!
- Compatible with all fuel types including alcohols, alcohol blends, and high-octane race fuels.

MAIN APPLICATIONS:

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

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	0W-20	5W-20	5W-30	10W-30	10W-40	20W-50
API Gravity	D4052	34.7	34.7	33.3	28.4	28.2	30.4
Specific Gravity @ 60˚F	D4052	0.851	0.851	0.858	0.885	0.886	0.874
Density @ 60˚F, Lbs/US Gal	D4052	7.09	7.09	7.16	7.38	7.38	7.28
Viscosity @ 40˚C cSt	D445	40	45.6	67.7	74.6	92.1	144
Viscosity @ 100˚C cSt	D445	8	8.3	13.2	11.3	15.3	18.8
Viscosity Index	D2270	178	160	161	130	176	147
Color	Visual	Amber	Amber	Amber	Amber	Amber	Amber
Flash Point, PMCC ˚F	D93	>400	>400	>400	>400	>400	>400

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