

## TECHNICAL DATA SHEET



# SEMI-SYNTHETIC SAE 20W-50 RACING OIL

PRODUCT # 10306, 10378, 10604, 10310

## TEST

## ASTM TYPICAL

API Gravity	D-1298	29.56
Specific Gravity @ 60°F	D-1298	0.879
Density @ 60°F LBS/US Gal	D-1298	7.32
Flash Point, PMCC, °F	D-93	420
Viscosity @ 40°C, cSt	D-445	155
Viscosity @ 100°C, cSt	D-445	19.9
Viscosity Index	D-2270	148
Cold Cranking Simulator @ -15°C, cP	D-5293	9,500 Max.
Mini Rotary Viscometer @ -20°C, cP	D-4684	60,000 Max.
Color	Visual	Amber

Lucas Semi-Synthetic SAE 20W-50 Racing Oil is fortified with unique additives and additive packages developed jointly between Lucas Oil Products Research & Development and a major additive supplier to the petroleum industry exclusively for use in Lucas Oil Racing Only line. This premium racing oil contains high levels of zinc, molybdenum and phosphorus, which provides a tougher, thicker tribological film at critical engine points to provide maximum protection even under the most severe conditions. The base oil is a judicious blend of high quality API Group II paraffinic base stocks, synthetic esters, low-viscosity polyalphaolefins (PAO) and high molecular weight metallocene polyalphaolefin (mPAO), the cutting-edge technology in synthetic base stocks. Lower oil temperatures, extended oil life and minimum wear are the result. This relatively viscous multi-grade oil shows improved film strength between the cylinder wall and piston rings and slows oil burning with improved oil pressure even in worn engines, standing up to high operating temperatures. Despite its robust viscosity at operating temperature, Lucas Synthetic 20W-50 has good cold temperature fluidity. This premium racing oil is appropriate with all racing fuels. It is fully compatible with synthetic and non-synthetic oils.

Lucas Semi-Synthetic SAE 20W-50 racing oil is 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.

Lucas Semi-Synthetic SAE 20W-50 is for RACING APPLICATIONS ONLY. It is not recommended for passenger car use.