

## TECHNICAL DATA SHEET



# SYNTHETIC SAE 10W-40 RACING OIL

PRODUCT # 10942, 10911, 10912, 10950

## TEST

## ASTM TYPICAL

<b>API Gravity</b>	<b>D-1298</b>	<b>28.2</b>
<b>Specific Gravity @ 60°F</b>	<b>D-1298</b>	<b>0.886</b>
<b>Density @ 60°F, Lbs./US Gal</b>	<b>D-1298</b>	<b>7.38</b>
<b>Flash Point, PMCC, °F</b>	<b>D-93</b>	<b>420</b>
<b>Viscosity @ 40°C, cSt</b>	<b>D-445</b>	<b>92.1</b>
<b>Viscosity @ 100°C, cSt</b>	<b>D-445</b>	<b>15.3</b>
<b>Viscosity Index</b>	<b>D-2270</b>	<b>176</b>
<b>Cold Cranking Simulator @ -25°C, cP</b>	<b>D-5293</b>	<b>7,000 Max.</b>
<b>Mini Rotary Viscometer @ -30°C, cP</b>	<b>D-4684</b>	<b>60,000 Max.</b>
<b>Color</b>	<b>Visual</b>	<b>Amber</b>

Lucas Synthetic SAE 10W-40 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. 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 entirely synthetic being a judicious blend of 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 mid-viscosity multi-grade oil provides good film strength between the cylinder wall and piston rings and controls oil burning with improved oil pressure even in worn engines, standing up to high operating temperatures. Lucas Synthetic SAE 10W-40 provides an excellent balance between cold temperature fluidity and good viscosity at high temperature. This premium racing oil is appropriate with all racing fuels. It is fully compatible with synthetic and non-synthetic oils.

Lucas Synthetic SAE 10W-40 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 Synthetic SAE 10W-40 is for RACING APPLICATIONS ONLY. It is not recommended for passenger car use.