

## TECHNICAL DATA SHEET



# SAE 5W-40 SYNTHETIC CJ-4

**PRODUCT # 10435, 10436, 10437, 10438,  
10439, 10440**

**Meets or exceeds CJ-4/CI-4 Plus, CI-4, CF/SM, ACEA E7**

### TEST

### ASTM

### TYPICAL

<b>API Gravity</b>	<b>D-1298</b>	<b>32.6</b>
<b>Specific Gravity @ 60°F</b>	<b>D-1298</b>	<b>0.862</b>
<b>Density @ 60°F LBS/US Gal</b>	<b>D-1298</b>	<b>7.19</b>
<b>Viscosity @ 40°C cSt</b>	<b>D-445</b>	<b>102.2</b>
<b>Viscosity @ 100°C cSt</b>	<b>D-445</b>	<b>15.0</b>
<b>Viscosity Index</b>	<b>D-2270</b>	<b>154</b>
<b>Color</b>		<b>Amber</b>
<b>Flash Point, COC °F</b>	<b>D-92</b>	<b>475</b>
<b>Pour Point °C</b>	<b>D-97</b>	<b>-40</b>
<b>MRV @ -35°C, CPS</b>	<b>D-4684</b>	<b>20,000</b>
<b>CCS @ -30°C, CPS</b>		<b>4200</b>
<b>TBN</b>	<b>D-2896</b>	<b>10.0</b>
<b>Sulfur, Wt %</b>	<b>X-Ray</b>	<b>0.38</b>
<b>Sulfated Ash, Wt %</b>	<b>D-874</b>	<b>0.99</b>
<b>Phosphorus, Wt %</b>	<b>ICP</b>	<b>.11</b>
<b>Zinc, Wt %</b>	<b>ICP</b>	<b>0.13</b>

Lucas Oil SAE 5W-40 Synthetic CJ-4 Truck Oil is designed for extreme cold weather applications but has all the protection and longevity of our SAE 15W-40 Synthetic CJ-4 Truck Oil. It is blended with premium synthetic base oils and "Lucas" additives that help maintain the life of the emission control system as required for regulatory compliance. You can expect less oil consumption and reduced engine wear. It resists oxidation and thermal breakdown for total protection in new and older engines. It provides increased lubricity, lowers oil temperature, reduces engine noise, increases oil pressure, and reduces soot levels. It is designed for diesels but it's perfectly suitable for gasoline engines. Lasts up to twice as long as ordinary 5W-40 engine oils.

Lucas Oil SAE 5W-40 Synthetic CJ-4 Oil is designed with a Lucas High TBN additive package that make it backward compatible with all old as well as new engines using Ultra Low Sulfur Diesel. Lucas Oil CJ-4 is compatible with all after treatment devices and keeps EGR engines clean.

Recommended for use in all 2007 compliant engines specifying CJ-4/CI-4 Plus/CI-4/CH-4/CG-4/CF-4/SM & European and OEM claims. Meets or exceeds Mack EO-O Premium Plus '07, Cummins CES 20081, Caterpillar ECF-3 & ECF1, DCC PG0S 93 K218, Volvo VDS-4, Navistar DHD-1, JASO DH-2, ACEA E7, and MAN 3275.

**\* API LICENSED**