Super S® SuperSyn™ Full Synthetic Motor Oil is a premium engine oil that provides excellent protection for both turbocharged gasoline direct-injection, conventional gasoline-fueled and flex-fueled passenger cars and light trucks under all operating conditions.

Licensed as API SN Plus to meet the latest (2017) fuel economy standards, SuperSyn™ Motor Oils provide unmatched wear protection minimizing piston deposits, varnish, sludge, oxidation, and viscosity breakdown. In repeated testing, over the range of tests and variants, SuperSyn™ Motor Oils demonstrate among the lowest rates of wear in the industry² while also providing outstanding protection against rust and corrosion.

Super S® SuperSyn™ Full Synthetic Motor Oil is made with a proprietary blend of synthetic base stocks and fortified with a balanced additive system containing a groundbreaking liquid magnesium detergent that exceeds API and OEM industry standards for fuel economy and wear. Manufactured to our Advanced Quality Assurance™ standards to ensure maximum protection to keep your car driving like new. Every batch is laboratory tested from base stocks and additives to finished product to consistently deliver an exceptional level of performance and protection.

Special Warnings
Use the same care and handling as with any synthetic motor oil.

Applications/Approvals
• API: SN Plus-RC (except 10W-40 is SN Plus only)
• ILSAC: GF-5 (except 10W-40)
• ACEA: A5/B5-16 (0W-30, 5W-20, 10W-30)
• Chrysler MS-6395
• Ford WSS-M2C950-A (SAE 0W-30)
• Ford WSS-M2C930-A (SAE 5W-20)
• Ford WSS-M2C945-B1 (SAE 5W-20)

Features
• Helps protect against low speed pre-ignition (LSPI) in turbocharged gasoline direct-injection engines (TGDI)
• Exceeds ILSAC GF-5 requirements for new cars under warranty
• Friction-modified for best-in-class fuel economy
• Excellent resistance to viscosity and thermal breakdown at high temperatures
• Liquid Mag film protects against sludge and varnish formation
• Protects against wear and bearing corrosion
• Low volatility for reduced oil consumption
• Eliminates foaming
• Formulated to protect turbochargers and emission control system catalysts
• Formulated for use in vehicles operating on ethanol-containing fuels up to E85

Technical Data Sheet
Super S® SuperSyn™ SN Plus Engine Oil

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### Typical Characteristics

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test Method</th>
<th>Typical Results</th>
<th>5W-20</th>
<th>0W-30</th>
<th>10W-30</th>
<th>5W-40</th>
<th>10W-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE Viscosity Grade</td>
<td>ASTM D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Flash Point, °C/F</td>
<td>92</td>
<td>401/205</td>
<td>406/208</td>
<td>431.6/222</td>
<td>437/225</td>
<td>437/225</td>
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<tr>
<td>Pour Point, °F/°C</td>
<td>97</td>
<td>-45/-45</td>
<td>-45.4/-43</td>
<td>-41/-41</td>
<td>-38/-36.4</td>
<td>-36/-32.8</td>
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<tr>
<td>Viscosity, cSt @ 100°C</td>
<td>445</td>
<td>8.8</td>
<td>10.8</td>
<td>10.94</td>
<td>14.0</td>
<td>13.8</td>
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<tr>
<td>Viscosity Index</td>
<td>2270</td>
<td>155</td>
<td>175</td>
<td>160</td>
<td>175</td>
<td>160</td>
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</tr>
<tr>
<td>CCS Viscosity (mPa-s)</td>
<td>5293</td>
<td>6600@-30C</td>
<td>6200@-35C</td>
<td>6000@-25</td>
<td>6600@-30C</td>
<td>6000@-25</td>
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<tr>
<td>NOACK Volatility (%wt)</td>
<td>5800</td>
<td>&lt;15</td>
<td>&lt;15</td>
<td>&lt;15</td>
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<td>HTHS @ 150°C, cP</td>
<td>4683</td>
<td>2.6</td>
<td>2.9</td>
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<td>3.5</td>
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<tr>
<td>Magnesium, ppm</td>
<td>6481</td>
<td>396</td>
<td>398</td>
<td>396</td>
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<tr>
<td>Sulphated Ash, wt %</td>
<td>874</td>
<td>0.78</td>
<td>0.79</td>
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<td>0.79</td>
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</tr>
</tbody>
</table>

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.