



### **Super S SuperSyn Full Synthetic Motor Oil**

**Super S SuperSyn Full Synthetic Motor Oil** provides among the highest levels of performance and protection ever offered in passenger car motor oils (PCMOs) by using newly developed additive technology and formulations of synthetic base oils. They are licensed as API SN Resource Conserving and ILSAC GF-5 and meet the latest (2011) fuel economy standards while dramatically exceeding specifications for wear control, piston deposits, cleanliness, varnish and sludge, oxidation control, and emission system and seal compatibility. In repeated testing, over the range of tests and variants, SuperSyn Motor Oils demonstrate among the lowest rates of wear in the industry.

**Super S SuperSyn Full Synthetic Motor Oil** is manufactured to our Advanced Quality Assurance<sup>™</sup> standards of quality control that exceed industry standards. Every batch is laboratory tested from base stocks and additives to finished product to consistently deliver an exceptional level of performance and protection.

### **FEATURES/ BENEFITS**

Super S SuperSyn PCMOs are full synthetic motor oils featuring advanced viscosity control and shear stability; they maintain performance in the harshest conditions and for extended oil drain intervals, and provide:

- the lowest levels of weighted piston deposits - far exceeding industry specs
- the highest level of high temperature deposit control
- wear protection so effective it is measured in atoms per hour
- the most advanced protection against varnish, corrosion, sludge, and foaming to prolong the life of your engine
- the highest established levels of fuel economy
- extremely low volatility, which reduces oil consumption

Super S SuperSyn PCMOs exceed GF-5 and even the more stringent dexos1<sup>™</sup> specifications for oxidation control, wear control, cleanliness and sludge, and emission system and seal compatibility.

### **APPLICATIONS**

Super S SuperSyn PCMOs are specifically designed for use wherever ILSAC GF-5 and/or API-SN Resource Conserving or previous motor oil specifications are called for.

### **RECOMMENDATIONS/SPECIFICATIONS**

**Super S SuperSyn Full Synthetic Motor Oils** are licensed by API for ILSAC GF-5 and API Service Category SN Resource Conserving and are back serviceable to all earlier API categories, and meet the requirements of Ford WSS-M2C930A and WSS-M2C945A (5W20), and WSS-M2C929A and WSS-M2C946A (5W-30); Chrysler MS 6395, and GM 6094M (now obsolete).

**SPECIAL HANDLING, NOTICES OR WARNINGS**

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

**TYPICAL CHARACTERISTICS**

Super S® SuperSyn™ Full Synthetic Motor Oil									
Properties	Test Method ASTM D-	Typical Results							
SAE Viscosity Grade		0W-20	0W-40	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40
API Gravity		34	33	33	32	31.5	30	32	31.5
Flash Point, COC °F/ °C	92	400/ 204	401/ 205	400/ 204	400/ 204	430/ 220	401/ 205	400/ 204	220/430
Pour Point, °F/ °C	97	-33/ -36	-20/ -4	-33/ -36	-33/ -36	-24/ -11	-4/ -20	-33/ -36	-44/ -47
Viscosity cSt @ 40°C cSt @ 100°C	445	35.04 7.02	97 13.8	43.01 7.98	57.07 10.27	97 13.8	115 17.1	66.85 10.94	87.0 13.8
Viscosity Index	2270	167	145	160	178	145	163	155	165
CCS Viscosity (mPa·s)	5293	5500@-35C	6100@-35C	5100@-30C	4300@-30C	5800@-30C	6600@-30C	4300@-25	7000@-25
NOACK Volatility (%wt)	5800	<16	<16	<16	<16	<16	<15	<16	<14.0

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

**PRODUCT NUMBERS**

- |              |                   |                   |                    |
|--------------|-------------------|-------------------|--------------------|
| <b>0W-20</b> | Bulk              | <b>5W-40</b>      |                    |
| SUS 390      | 6/1 quart bottles | SUS.5W40.6032.564 | 6/1 quart bottles  |
| SUS 389      | 55 gallon drum    | SUS 398           | 12/1 quart bottles |
| <b>0W40</b>  |                   | <b>5W-50</b>      |                    |
|              |                   | SUS 395           | 6/1 quart bottles  |
| <b>5W-20</b> |                   | <b>10W30</b>      |                    |
| SUS 391      | 6/1 quart bottles | SUS 350           | 6/1 quart bottles  |
| SUS 392      | 55 gallon drum    | SUS 353           | 55 gallon drum     |
| <b>5W-30</b> |                   | <b>10W40</b>      |                    |
| SUS 393      | 6/1 quart bottles |                   |                    |
| SUS 394      | 55 gallon drum    |                   |                    |