



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.

Super® S SuperSyn™ Full Synthetic Motor Oils are licensed with the American Petroleum Institute (API) for the **API SN Plus** supplemental service category and carry many other industry approvals for engines with Turbochargers, Direct Injection, and Flex-fueled Hybrids. This exclusive detergent system forms a bond with the metallic surfaces inside your engine forming a slick protective barrier that contaminants are unable to cling to while being more Eco friendly than other detergent systems. Robust detergents show excellent cleaning capabilities to rid the engine of pre-existing varnish and sludge that can lead to loss of power, fuel economy, and overall service life.

Special Warnings

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

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SuperS Lubricants

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Product Highlights

- Best fuel economy in a Passenger Car Motor Oil
- Clean burning eco-friendly detergent system
- Long-term oxidation stability for Extended Drain service

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, 10W-30)
- ACEA A3/B3-16 (5W-40, 10W-40)
- 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



Typical Characteristics

Super S® SuperSyn™ SN Plus Full Synthetic Motor Oil						
Properties	Test Method ASTM D-	Typical Results				
SAE Viscosity Grade		5W-20	0W-30	10W-30	5W-40	10W-40
Flash Point, COC °F/ °C	92	401/ 205	406/ 208	431.6/ 222	437/225	437/225
Pour Point, °F/ °C	97	-49/-45	-45.4/-43	-41/-41	-38/-36.4	-36/-32.8
Viscosity: cSt @ 100°C	445	8.8	10.8	10.94	14.0	13.8
Viscosity Index	2270	155	175	160	175	160
CCS Viscosity (mPa·s)	5293	6600@-30C	6200@-35C	6000@-25	6600@-30C	6000@-25
NOACK Volatility (%wt)	5800	<15	<15	<15	<15	<15
HTHS @ 150°C, cP	4683	2.6	2.95	2.95	3.5	3.5
Magnesium, ppm	6481	396	398	396	400	400
Sulphated Ash, wt %	874	0.92	0.92	0.92	0.92	0.92

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