



# Super S® SuperSyn™ Full Synthetic Engine Oil

## API SP / ILSAC GF-6A & B

Super S® SuperSyn™ Full Synthetic Motor Oils have been reformulated to meet the demands of modern turbo-charged and gasoline direct inject (TGDi) engines in all operating conditions. Blended with only premium full synthetic base stocks and all-new advanced additive technology, Super S® SuperSyn™ Full Synthetic Motor Oils can extend drain intervals and extend engine life when compared to conventional motor oil.

Super S® SuperSyn™ Full Synthetic Motor Oils show gains in several key areas that can provide significant cost savings over the life of the vehicle including over 200% greater protection against valve train and chain wear while also eliminating the high temperature deposits that drain engines of horse power overtime. SuperSyn™ motor oils are formulated to exceed the latest ILSAC GF-6/ Resource Conserving and API SP performance specifications.

### APPLICATIONS

Super S® SuperSyn™ Full Synthetic Motor Oils are recommended for use in most light or heavy duty gasoline driven cars, vans, and light trucks operating in the most severe operating conditions. They meet the latest API SP/GF-6A and GF-6B/ Resource Conserving performance specifications and are backwards compatible to all previous API and/or ILSAC performance categories.

### FEATURES

Low Speed Pre-Ignition (LSPI)

- Protection for small displacement turbo-charged GDI engines. Excellent Fuel Economy
- Engineered to provide 40-50% improvement in fuel economy over GF-5 rated oils
- Helps engine maintain peak fuel efficiency for up to 3x longer than GF-5 Synavex motor oils

Wear Protection

- Robust anti-wear agents provide improved valve and chain wear protection

Engine Cleanliness

- Powerful antioxidants resist formation of high temp deposits that drain horsepower and fuel economy while a robust detergent system continues to clean internal components even while engine is sitting idle.

Extended Drain Intervals

- Lower volatility combined with powerful oxidation protection may extend oil drain intervals in well maintained systems.



### APPROVALS

Super S® SuperSyn™ Full Synthetic Motor Oils exceed all the following performance requirements or OEM specifications:

- API SP and all previous categories
- ILSAC GF-6A, GF-6B (0W-16 only)
- ACEA A5/B5
- GM 4718M (Corvette/Cadillac) / 6094M
- VW 501.00/502.00; VW 508.00 (0W-20 only) BMW C-14E+ (0W-20)
- Fiat 955535-H2, M2. N2
- Honda/Acura HRO-06
- Ford WSS-M2C962-A1, Ford WSS-M2C963-A1, Ford M2C946-B1, Ford M2C947-B1



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### Typical Characteristics

SuperS® SuperSyn™ Full Synthetic Engine Oil			
PROPERTIES	TEST METHOD ASTM D-	TYPICAL RESULTS	
SAE Viscosity Grade		0W-20	5W-30
Flash Point °C	92	210	210
Pour Point °C	97	-45	-42
Viscosity @ 40°C @ 100°C	445	45 8.10	63.15 11.20
Viscosity Index	2270	160	165
CCS Viscosity	5293	5800 max	5400 max
NOACK Volatility (%wt)	5800	<9.2%	<9.8%

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

## Performance of GF-6 Technology

