



# Super S® Multi-Flo Synthetic Blend Engine Oil

API SN, SN Plus

**Super S Multi-Flo SN Plus SynBlend Motor Oils** are high performance multi-grade oils for passenger cars, exceeding the latest API SN with SN Plus and ILSAC GF-5 sequences and are officially approved by GENERAL MOTORS and FORD to provide optimal protection against LSPi events. These oils are also fully backward compatible with the former API and ILSAC sequences, and can be used in a vast majority of vehicles, both new and old.

**Multi-Flo** engine oils uses a blend of Group III synthetic and Group II+ base oils with one of the most technologically advanced DI packages in the market today that provides excellent oxidative stability and low temperature fluidity. The use of synthetic base oil brings significant improvement of all properties compared to conventional engine oils: engine protection against wear and deposits, oil drain intervals, cleanliness, fuel economy, and overall engine performance.

Super S API SN plus engine oils are formulated to provide specific FUEL ECONOMY (up to 2.5% gains over previous performance categories) properties by exceeding all ILSAC resource conserving tests. These oils have been developed for both gasoline and diesel passenger car engines not equipped with diesel particulate filters. These have a wide scope of application for Asian and American car models, from recent to older engine technologies. It can be used for various operating conditions (city traffic, road, motorways), and in all seasons.

## APPLICATIONS/RECOMMENDATIONS

**Super S Multi-Flo SynBlend Motor Oils** are recommended for use in all vehicles requiring the use of an API SN with SN Plus Resource Conserving, ILSAC GF-5 engine oil under all driving conditions.

**Super S Multi-Flo SynBlend Motor Oils** can be mixed with other synthetic and conventional oils and is recommended for use in all light to medium duty applications under all driving conditions.

GM, Ford, Chrysler, Dodge, Jeep, Honda, Acura, Toyota, Lexus, Mazda, Nissan, BMW, Mercedes, Volkswagen Infinity, Subaru, Hyundai, Kia, Suzuki and Mitsubishi

## FEATURES/ BENEFITS

- Blend of synthetic and conventional stocks give added benefits and performance in all areas.
- Advanced viscosity control and shear stability - maintains performance in the harshest conditions
- Reduces fuel consumption thanks to viscosity modifiers implemented in the formulations.
- Patented Magnesium detergent system keeps engine clean by forming a protective layer over metal components
- Advanced protection against thermal breakdown
- Outstanding long-term wear protection of all engine parts increasing overall engine life
- Extended oil change intervals compared to standard engine oils
- Exceeds industry established levels of fuel economy
- Low volatility, which reduces oil consumption
- Exceeds GF-5 and SN Plus specifications for oxidation control, wear control, cleanliness and sludge, and emission system and seal compatibility

## SPECIFICATIONS

**Multi-Flo 5W-20** is licensed by API for ILSAC GF-5, API Service Category SN, SN Plus with Resource Conserving and are back serviceable to all earlier API categories, and ACEA A3/B4-16.

**Multi-Flo 5W-30 and 10W-30** are licensed by API for ILSAC GF-5, API Service Category SN, SN Plus with Resource Conserving and are back serviceable to all earlier API categories, and ACEA A5/B5-16.

**Multi-Flo 10W-40** is licensed as API SN Plus and ACEA A3/B4-16.

**Multi-Flo 20W-50** is licensed as API SN Plus and ACEA A3/B4-16.

**Multi-Flo SAE 30 and SAE 40** are licensed as API SN Plus only.



# Super S® Multi-Flo Synthetic Blend Engine Oil

API SN, SN PLUS

## TYPICAL CHARACTERISTICS

Super S® Multi-Flo Synthetic Blend Motor Oil								
Properties	Test Method ASTM D-	Typical Results						
SAE Viscosity Grade		5W-20	5W-30	10W-30	10W-40	20W-50	SAE 30	SAE 40
		Synthetic Blend						
Flash Point, CoC °C /°F	92	215/420	215/420	220/428	220/428	228/442	215/420	220/428
Pour Point, °C /°F	97	-42/ -44	-40/ -40	-36/ -33	-33/ -27	-31/ -24	-25/-13	-25/-13
Viscosity cSt @ 40°C cSt @100°C	445	48.0 8.1	60.5 10.0	68.7 10.5	97.0 13.8	135.8 18.5	58.6 11.4	83.2 14.2
Viscosity Index	2270	140	144	140	145	153	108	114
CCS Viscosity(mPa-s)	5298	<6600@-30	<6600@-30	<7000@-25	<7000@-25	<9500@-15	N/A	N/A
NoACK Volatility (%wt)	5800	12.8	12.3	12.3	11.9	11.2	12.3	11.9
API Service Category		Licensed for SN Plus, also meets SN, SM, SL, SJ						
ILSAC GF-5		Yes	Yes	Yes	No	No	No	No
Resource Conserving		Yes	Yes	Yes	No	No	No	No

The above characteristics are typical of current production. While production will conform to Smitty's specification, slight variations may occur and do not affect performance.

For a complete list of applications, contact your SuperS® Representative.

Multi-Flo Synthetic Blend Engine Oils are also suitable for use in the following applications:

5W20	5W30	10W30	10W40
ACEA A3/B4-16	ACEA A5/B5-16	ACEA A5/B5-16	ACEA A3/B4-16
Chrysler MS-6395	CHRYSLER MS-6395	CHRYSLER MS-6395	CHRYSLER MS-6395
Fiat H2, M2, N2	FIAT H2, M2, N2	FIAT H2, M2, N2	GM 6094M
GM 6094M	GM 6094M	GM 6094M	
Ford WSS-M2C930-A	WSS-M2C929-A	GM 4718M	
Ford WSS-M2C945-A	WSS-M2C946-A	WSS-M2C947-B1	

20W50	SAE 30	SAE 40
ACEA A3/B4-16	CHRYSLER MS-6395	CHRYSLER MS-6395
CHRYSLER MS-6395		

### Special Handling, Notices, or Warnings

Avoid contact with skin. Rinse with soap and water immediately after skin contact.

This product is unlikely to present and significant health hazards.

Dispose of used oil properly.