



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 officially approved by GENERAL MOTORS and FORD.

These oils are also fully backward compatible with the former API and ILSAC sequences, and can be used in a vast majority of vehicles, from the newest to the oldest ones. The addition of synthetic base oil brings significant improvement of all properties compared to mineral engine oils: engine protection against wear and deposits, performances, oil drain intervals and overall driving experience. On top of these reinforced performances, these formulations provide specific FUEL ECONOMY (up to 2.5% gains over previous performance categories) properties by exceeding all ILSAC resource conserving tests.

Multi-Flo Engine 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 Plus, API SN-RC, ILSAC GF-5 engine oil under all driving conditions.

Super S Multi-Flo SynBlend Motor Oils can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle 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

APPROVALS

Super S Multi-Flo SynBlend Motor Oils 5W-20, 5W-30 and 10W-30 are licensed by API for ILSAC GF-5, API Service Category SN Plus Resource Conserving and are back serviceable to all earlier API categories, and ACEA A5/B5-16

Super S Multi-Flo SynBlend Motor Oil 10W-40 is licensed as API SN Plus and ACEA A3/B3-16

Super S Multi-Flo SynBlend Motor Oil 20W-50 is licensed as API SN Plus and ACEA A3/B3-16

Super S Multi-Flo SynBlend Motor Oil 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		48.0	60.5	68.7	97.0	135.8	58.6	83.2
cSt @100°C	445	8.1	10.0	10.5	13.8	18.5	11.4	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 A5/B5-16	ACEA A5/B5-16	ACEA A5/B5-16	ACEA A3/B3-16
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/B3-16	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.