



Super S® Multi-Flo High Mileage Engine Oil

Super S® Multi-Flo High Mileage Synthetic Blend Engine Oils are advanced blends of premium base stocks with an advanced additive system chemically engineered to provide excellent protection against sludge¹ and wear² in high mileage vehicles.

The advanced additive system removes sludge build up and forms a protective layer on critical engine components resulting in a more powerful, responsive, and fuel efficient engine. The addition of a conditioning agent with a synthetic base oil provides excellent oxidation stability and lower volatility than conventional based engine oils alone providing extended drain capability. Conditioning agents provide lubrication of seals that prevents cracking and stops leaking in older vehicles.

These oils are licensed with API as API SN and as ILSAC GF-5 and Resource Conserving.

FEATURES/ BENEFITS

- Blend of synthetic and conventional stocks give added benefits and performance in all areas.
- Proprietary Advanced Cleaning agents removes up to 50% of sludge in 1st oil change³ leading to a smoother running, fuel efficient engine
- Advanced protection against thermal breakdown
- Enhanced protection for old worn engines
- Its higher performance level allows longer drains intervals with fuel economy benefits (most OEMs recommend 5,000 to 7,000 mile drain intervals in these fuel economy multi-grade oils)
- Prevents leaks and burnoff
- Low volatility, which reduces oil consumption
- Exceeds GF-5 and SN specifications for oxidation control, wear control, cleanliness and sludge, and emission system and seal compatibility

¹Based on Sequence VG Sludge test results of 5W-20

²As tested in the industry Sequence IVA wear test

³Based on Sequence VG Sludge test 5W-20

APPLICATIONS/RECOMMENDATIONS

Super S® Multi-Flo High Mileage Engine Oils are recommended for use in all vehicles requiring the use of an API SN/ILSAC GF-5 engine oil under all driving conditions.

Super S® Multi-Flo High Mileage Engine Oil can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions.

SPECIFICATIONS

Super S® Multi-Flo High Mileage Engine Oils are licensed by API and ACEA and are also found to be suitable for use in the following applications:

5W-20	API SN-RC/GF-5, ACEA A1/B1 (obsolete), WWS-M2C945A, MS-6395, GM6094M (obsolete)
5W-30	API SN-RC/GF-5, ACEA A5/B5-16, WWS-M2C946A, MS-6395, GM6094M (obsolete)
10W-30	API SN-RC/GF-5, ACEA A5/B5-16, MS-6395, GM6094M (obsolete)
10W-40	API SN, ACEA A3/B3-16, MS-6395, GM6094M (obsolete)
20W-50	API SN, ACEA A3/B3-16, MS-6395, GM6094M (obsolete)

SUITABLE FOR:

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

*If your engine has excessive sludge deposits due to less-than-adequate maintenance practices, Super S High Mileage can help by reducing the sludge left behind in your engine. For severe cases of sludge, short oil change intervals (3000 - 5000 miles) are recommended for the first 2-3 oil changes as reduction of the sludge takes place.



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TYPICAL CHARACTERISTICS

Super S® High Mileage Motor Oil						
Property	Test Method ASTM - D	SAE Viscosity Grade				
		5W-20	5W-30	10W-30	10W-40	20W-50
Flash Point, CoC °C /°F	92	220/428	222/431.6	222/431.6	225/437	238/410
Pour Point, °C /°F	97	-36/ -33	-36/ -33	-27/ -17	-44/ -47	-24/ -11
Viscosity, cSt @ 100°C	445	8.4	10.0	10.5	13.8	18.5
Viscosity Index	2270	140	147	148	155	137
CCS Viscosity(mPa-s)	5298	<6600@-30	<6600@-30	<7000@-25	<7000@-25	<7500@-15
NoACK Volatility (%wt)	5800	<15	<15	<15	<15	<15
API Service Category		Licensed for SN, also meets SM, SL, SJ				
ILSAC GF-5		Yes	Yes	Yes	No	No
Resource Conserving		Yes	Yes	Yes	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.

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.