

Super S[®] Multi-Flo Motor Oil

TECHNICAL PRODUCT INFORMATION



Super S Multi-Flo Motor Oil

Super S Multi-Flo Motor Oils are formulated using the most advanced additive technology available to meet the latest (2011) fuel economy standards while exceeding the specifications for wear control, piston deposits, cleanliness, varnish and sludge, oxidation control, and emission system and seal compatibility. These products are licensed with API as API-SN and in appropriate viscosity grades as ILSAC GF-5 and Resource Conserving.

FEATURES/ BENEFITS

- Advanced viscosity control and shear stability - maintains performance in the harshest conditions and for extended oil drain intervals
- Levels of weighted piston deposits - far exceeding industry specs
- Highest level of high temperature deposit control
- Advanced protection against thermal breakdown
- Wear protection so advanced it is measured in atoms per hour
- Most advanced protection against varnish, corrosion, sludge, and foaming to prolong the life of your engine
- Exceeds industry established levels of fuel economy
- 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

APPLICATIONS

- Super S Multi-Flo Motor Oil is specifically designed for use in all gasoline engines, wherever ILSAC GF-5 and API-SN or previous specifications are called for.

RECOMMENDATIONS/SPECIFICATIONS

Super S Multi-Flo Motor oils (5W-20, 5W-30 and 10W-30) are licensed by API for ILSAC GF-5 and API Service Category SN Resource Conserving and are back serviceable to all earlier API categories

.Super S Multi-Flo Motor oils (20W-50, 30, 40) are licensed by API for API Service Category SN and are back serviceable to all earlier API categories.

Meet requirements of Ford WWS-M2C945A (5W20), WWS-M2C946A (5W-30), and Chrysler MS 6395 and obsolete GM 6094M

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the same care and handling that you would use with petroleum products.

TYPICAL CHARACTERISTICS

Super S® Multi-Flo Motor Oils								
Properties	Test Method ASTM D-	Typical Results						
SAE Viscosity Grade		5W-20	5W-30	10W-30	10W40	20W50	30	40
		Synthetic Blend	Synthetic Blend	Synthetic Blend				
API Gravity	1298	32.5	32.5	31.5	31.5	30	31.5	31
Flash Point, COC °C /°F	92	215/420	215/420	220/430	220/430	238/410	218/425	220/430
Pour Point, °C /°F	97	-36/ -33	-36/ -33	-27/ -17	-24/ -11	-24-11	-36/ -33	-30/ -22
Viscosity cSt @ 40°C cSt @ 100°C	445	48.0 8.1	60.5 10.0	68.7 10.5	97.0 13.8	160 18.5	101.5 10.9	155 14.4
Viscosity Index	2270	140	144	140	145	130	90	90
CCS Viscosity(mPa-s)	5298	<6600@-30	<6600@-30	<7000@-25	<7000@-25	<7500@-15		
NOACK Volatility (%wt)	5800	14.5	14.5	14.3	13.9	12.7		
API Service Category		Licensed for SN, also meets SM, SL, SJ						
ILSAC GF-5		Yes	Yes	Yes				
Resource Conserving		Yes	Yes	Yes				

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

PRODUCT NUMBERS

SAE 5W20

- SUS 121 12/1 quart bottles
- SUS 12105 6/5 quart bottles
- SUS 121-55 55 gallon drum
- SUS 121Tote 275 Gal Tote
- SUS 121Bulk Bulk
- SUS 121BD Bulk/Drum

SAE 5W30

- SUS 93 12/1 quart bottles
- SUS 9305 6/5 quart bottles
- SUS 93-55 55 gallon drum
- SUS 93Tote 275 Gal Tote
- SUS 93Bulk Bulk
- SUS 93BD Bulk/Drum

SAE 10W30

- SUS 50 12/1 quart bottles
- SUS 5005 6/5 quart bottles
- SUS 50-3 3/1 gallon bottles
- SUS 50-1 6/1 gallon bottles
- SUS 76 5 gallon pail
- SUS 59 55 gallon drum
- SUS 59Tote 275 Gal Tote
- SUS 59Bulk Bulk
- SUS 59BD Bulk/Drum

SAE 10W40

- SUS 51 12/1 quart bottles
- SUS 5105 6/5 quart bottles
- SUS 51-3 3/1 gallon bottles
- SUS 51-1 6/1 gallon bottles
- SUS 60 55 gallon drum
- SUS 60Tote 275 Gal Tote
- SUS 60Bulk Bulk
- SUS 60BD Bulk/Drum

SAE 20W50

- SUS 48 12/1 quart bottles
- SUS 48-3 3/1 gallon bottles
- SUS 48-1 6/1 gallon bottles
- SUS 48-55 55 gallon drum
- SUS 48Bulk Bulk
- SUS 48BD Bulk/Drum

SAE 30

- SUS 49 12/1 quart bottles
- SUS 64 55 gallon drum

SAE 40

- SUS 98 12/1 quart bottles