



SUPREME MOTOR OIL

Sinclair Supreme Motor oil is a premium quality multi-grade Motor Oil designed to provide superior all season protection for gasoline engines. Sinclair Supreme Motor Oil meets or exceeds most U.S. and import automobile manufacturers' warranty requirements for gasoline engines. Sinclair Supreme 5W-20 and 5W-30 are especially designed for smaller four cylinder and six cylinder engines and Sinclair 10W-30 is recommended for normally aspirated and turbocharged gasoline engines. Tests have proven Sinclair Supreme Engine Oil conserves energy and controls oil consumption all while providing outstanding wear protection and ensuring long engine life. Sinclair Supreme SAE 5W-20, 5W-30, and 10W-30 Motor Oils carry the ILSAC GF-5 Certification mark that meets the API Resource Conserving requirements.



APPLICATIONS

- Where API Performance Category SN, SM, SL, SJ, SH, SG, SF, SE or SD oils are recommended.
- In passenger car engines that require oils showing the ILSAC GF-5 Certification Mark (SAE 5W-20, 5W-30 and SAE 10W-30).
- In applications for fulfilling a military Commercial Item Description or CID (5W-20, 5W-30 and SAE 10W-30).
- In all turbocharged gasoline engines.
- In larger gasoline engines used in severe service, such as towing trailers, campers, etc. and racing (20W-50)
- In older gasoline powered passenger car engines.

Sinclair Supreme Motor Oils are licensed by the API for the SN Classification under the new CMA Code of Practice (5W-20, 5W-30 and 10W-30). This classification assures only the highest quality.

PERFORMANCE

- Provides fast starting and quick oil pump ability (5W-20 and 5W-30).
- Maintains viscosity over a wide range of temperatures and maintains grade through the recommended drain interval.
- Guards against excessive wear especially in sensitive areas of the valve
- Meets or exceeds Ford specification ESE M2C 153-G.
- Meets or exceeds General Motors specification GM-6049M.
- Meets or exceeds Chrysler specification MS 6395H.
- Reduces deposits in hot sections of the engine to prevent ring sticking and loss of power

Sinclair Supreme Motor Oils Meet:
API SN, SM and SL, ILSAC GF-5



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TYPICAL PHYSICAL PROPERTIES

Viscosity Grade	METHOD		TYPICAL RESULTS			
		5W-20	5W-30	10W-30	10W-40	
Gravity, °API	ASTM D287	32.37	33.4	32.37	31.99	
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8635	0.8581	0.8635	0.8655	
Viscosity @ 40°C cSt	ASTM D445	51.33	63.51	63.85	94.59	
Viscosity @ 100°C cSt	ASTM D445	8.738	10.78	10.35	14.34	
Viscosity Index	ASTM D2270	149	161	150	157	
High Temperature / High Shear VIs at 100°C, cP	ASTM D6616	6.01	7.04	7.04	0	
High Temperature / High Shear VIs at 150°C, cP	ASTM D4683	2.72	3.2	3.08	4.02	
Noack Volatility, % loss	ASTM D5800	14.8	14.6	14.5	11.7	
Color	ASTM D1500	3	3	3	3	
Zinc, wt. %	ASTM D5185	0.085	0.085	0.085	0.085	
Phosphorus, wt. %	ASTM D5185	0.077	0.077	0.077	0.077	
Calcium, wt. %	ASTM D5185	0.19	0.19	0.19	0.19	
Sulfur, wt. %	ASTM D4951	0.3	0.3	0.3	0.3	
Boron, wt. %	ASTM D5185	0.018	0.018	0.018	0.018	
Molybdenum, wt. %	ASTM D5185	0.004	0.004	0.004	0.004	
Sulfated Ash, wt. %	ASTM D874	0.92	0.92	0.92	0.92	
Nitrogen, wt. %	ASTM D4629	0.084	0.084	0.084	0.084	
Pumping Viscosity at (°C), cP	ASTM D4684	23,600 (-35)	22,700 (-35)	15,900 (-30)	33,800 (-30)	
TBN, mgKOH/g	ASTM D2896	7	7	7	7	

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Supreme Motor Oil SAE 5W-20	6/1 Quart	507-006	0 14168-01600 1	0 14168-01764 0	L 9.500 x W 7.625 x H 9.625	0.403 / 68.194	12.310 / 1920.400	156 Cases (6 layers of 26)
Supreme Motor Oil SAE 5W-20	55 Gallon	507-003	0 14168-01676 6	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	426.344 / 1705.375	4 Drums
Supreme Motor Oil SAE 5W-20	330 Gallon	507-002	N/A	N/A	L 48.000 x W 48.000 x H 49.000	65.333 / 67.500	2525.490	1 Tote
Supreme Motor Oil SAE 5W-30	6/1 Quart	841-006	0 14168-01601 8	0 14168-01762 6	L 9.500 x W 7.625 x H 9.625	0.403 / 68.194	12.460 / 1943.100	156 Cases (6 layers of 26)
Supreme Motor Oil SAE 5W-30	55 Gallon	841-003	0 14168-01677 3	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	426.344 / 1705.375	4 Drums
Supreme Motor Oil SAE 5W-30	330 Gallon	841-002	N/A	N/A	L 48.000 x W 48.000 x H 49.000	65.333 / 67.500	2557.120	1 Tote
Supreme Motor Oil SAE 10W-30	6/1 Quart	840-006	0 14168-01602 5	0 14168-01790 9	L 9.500 x W 7.625 x H 9.625	0.403 / 68.194	12.480 / 1947.200	156 Cases (6 layers of 26)
Supreme Motor Oil SAE 10W-30	55 Gallon	840-003	0 14168-01678 0	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	428.863 / 1715.452	4 Drums
Supreme Motor Oil SAE 10W-30	330 Gallon	840-002	N/A	N/A	L 48.000 x W 48.000 x H 49.000	65.333 / 67.500	2516.800	1 Tote
Supreme Motor Oil SAE 10W-40	6/1 Quart	503-006	0 14168-01603 2	0 14168-01763 3	L 9.500 x W 7.625 x H 9.625	0.403 / 68.194	12.440 / 1940.200	156 Cases (6 layers of 26)
Supreme Motor Oil SAE 10W-40	55 Gallon	503-003	0 14168-01679 7	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	428.863 / 1715.452	4 Drums

