



## Mobil Special Series

Mobil passenger-vehicle-lube , United States

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Synthetic Blend Motor Oil

## Product Description

Mobil Special™ Oils are formulated from high quality base stocks combined with modern performance additives to give your engine the protection and the performance you expect under a wide variety of operating conditions.

Mobil Special Oils are available in five multi-viscosity grades: SAE 5W-20, 5W-30, 10W-30, 10W-40, 20W-50.

Mobil Special 5W-20, 5W-30 and 10W-30 meet the warranty requirements where an American Petroleum Institute (API) certified oil is specified. These viscosity grades are also classified by API as "Resource Conserving" engine lubricants, and meet or exceed the latest industry specification ILSAC GF-5 / API SN Plus. Those claims are backward compatible with earlier performance levels such as API SN, SM, SL, and SJ and previous ILSAC categories.

## Features and Benefits

- Excellent engine cleanliness
- Engine protection under a wide variety of operating conditions
- API SN Plus / Resource Conserving for Mobil Special 5W-20, 5W-30 and 10W-30
- Helps reduce engine wear and corrosion
- Meets or exceeds the latest industry specification (ILSAC GF-5 / API SN Plus: Mobil Special 5W-20,5W-30,10W-30)
- Easy cold starting
- Guaranteed protection with the Mobil Special Limited Warranty\*\*

## Applications

Mobil Special 5W-20, 5W-30 and 10W-30 are recommended for gasoline fueled automobiles and light duty trucks requiring an API SN Plus, SN, SM, SL or SJ. They also meet ILSAC GF-5 (Starburst Certification Symbol).

Mobil Special 10W-40 and 20W-50 are recommended for gasoline fueled automobiles and light duty trucks where a higher viscosity API SN Plus SN, SM, SL, SJ oil is preferred or recommended .Mobil Special 20W-50 has a higher viscosity reserve which provides engines with full protection under higher operating speeds, temperatures, and other adverse conditions.

Before using a Mobil Special motor oils, consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and API Service Classification.

## Specifications and Approvals

<b>This product is recommended for use in applications requiring:</b>	<b>5W-20</b>	<b>5W-30*</b>	<b>10W-30*</b>	<b>10W-40</b>	<b>20W-50</b>
Fiat Chrysler Automotive MS-6395		X	X		
Ford WSS-M2C929-A		X			

GM 6094M	X	X	X		
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<b>This product meets or exceeds the requirements of:</b>	<b>5W-20</b>	<b>5W-30*</b>	<b>10W-30*</b>	<b>10W-40</b>	<b>20W-50</b>
API SL	X	X	X	X	X
API SM	X	X	X	X	X
API SN	X	X	X	X	X
API SN PLUS	X	X	X	X	
API SN PLUS RESOURCE CONSERVING	X	X	X		
API SN Resource Conserving	X	X	X		
ILSAC GF-5	X	X	X		
Chrysler MS-6395	X				
Ford WSS-M2C930-A	X				
Ford WSS-M2C945-A	X				
Ford WSS-M2C945-B1	X				
Ford WSS-M2C946-A		X			
Ford WSS-M2C946-B1		X			

## Properties and Specifications

<b>Property</b>	<b>5W-20</b>	<b>5W-30*</b>	<b>10W-30*</b>	<b>10W-40</b>	<b>20W-50</b>
Grade	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
Cold-Cranking Simulator, Apparent Viscosity @ -15 C, mPa.s, ASTM D5293					9080
Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s, ASTM D5293			5500	6520	
Cold-Cranking Simulator, Apparent Viscosity @ -30 C, mPa.s, ASTM D5293	5840	5900			
Flash Point, Cleveland Open Cup, °C, ASTM D92	216(421F)	225(437F)	228(442F)	222(432F)	230(446F)
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	8.3	10.5	10.7	15.7	19.0
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	48.8	64.0	73.0	113	154.3
Mini-Rotary Viscometer, Apparent Viscosity, -20 C, mPa.s, ASTM D4684					4290

Mini-Rotary Viscometer, Apparent Viscosity, -30 C, mPa.s, ASTM D4684			20000	17500	
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	14900	25000			
Pour Point, °C, ASTM D97	-42(-44F)	-42(-44F)	-39(-38F)	-39(-38F)	-30(-22F)
Viscosity Index, ASTM D2270	146	150	137	147	141

## Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @

<http://www.msds.exxonmobil.com/psims/psims.aspx>

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