MOBIL 1™ FS EUROPEAN CAR FORMULA SERIES

Mobil Passenger Vehicle Lube , United States

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ FS European Car Formula is an advanced full synthetic motor oil engineered for the latest gasoline and diesel engine technology without particulate filters. It provides excellent cleaning power, wear protection and overall performance. Mobil 1 is the #1 selling motor oil in America at retail,* trusted and recommended by car builders and experienced mechanics, and is the Official Motor Oil of NASCAR®.

Features and Benefits

• Protects for 15,000 miles – guaranteed**
• Has excellent low temperature capabilities for rapid engine protection at start-up
• Delivers fast protection for reduced engine wear and deposits
• Formulated for European vehicles

Applications

• Mobil 1™ FS European Car Formula motor oils are recommended by ExxonMobil for all types of vehicles, including high-performance turbo-charged, supercharged gasoline and certain diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and trucks.
• Mobil 1 FS European Car Formula is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.
• If your vehicle is covered by a warranty, follow the vehicle's oil life sensor or the oil change interval recommended in your owner's manual. Proper maintenance practices, including frequently checking the oil level to ensure that the appropriate amount of oil is present, are required to ensure effective performance.
• Always check your owner's manual for the manufacturer's recommended oil viscosity grade, API service classification and any builder approval.

*Source: Circana/ Retail Tracking Service/ Dollar Sales/ 52 weeks ending February 1, 2025
**Protects for 15,000 miles or 1 year, whichever comes first

Specifications and Approvals

This product has the following approvals:	MOBIL 1 FS 0W-40	FS 5W-30	MOBIL 1 FS 5W-40	MOBIL 1 FS X2 5W-50
BMW Longlife 01	X	X	X	
GM dexosR	X			
MB-Approval 229.3	X	X	X	X
MB-Approval 229.5	X	X	X	
Nissan Genuine Performances	X			
Porsche A40	X		X	X
RENAULT RN0700		X	X	
RENAULT RN0710		X	X	
VW 502 00	X	X	X	
VW 505 00	X	X	X	

This product is recommended for use in applications requiring:	MOBIL 1 FS 0W-40	FS 5W-30	MOBIL 1 FS 5W-40	MOBIL 1 FS X2 5W-50
ACEA A3/B3-16	X	X	X	X

This product is recommended for use in applications requiring:	MOBIL 1 FS 0W-40	FS 5W-30	MOBIL 1 FS 5W-40	MOBIL 1 FS X2 5W-50
API CF	X	X	X	X
FIAT 9.55535-M2				X
VW 503 01	X			

This product meets or exceeds the requirements of:	MOBIL 1 FS 0W-40	FS 5W-30	MOBIL 1 FS 5W-40	MOBIL 1 FS X2 5W-50
API SJ	X		X	X
API SL	X	X	X	X
API SM	X		X	X
API SN	X		X	X
API SN PLUS	X		X	X
API SP	X		X	X
API SQ	X		X	X
ACEA A3/B4	X	X	X	X
API SP ENGINE TEST REQUIREMENTS		X		
API SQ Engine Test Requirements		X		
Fiat 9.55535-M2	X		X	
Ford WSS-M2C937-A	X			
LEXUS LFA Service Fill				X

Properties and Specifications

Property	MOBIL 1 FS 0W-40	FS 5W-30	MOBIL 1 FS 5W-40	MOBIL 1 FS X2 5W-50
Grade	SAE 0W-40	SAE 5W-30	SAE 5W-40	SAE 5W-50
Density @ 15.6 C, g/ml, ASTM D4052	0.8413	0.8403	0.8408	0.8406
Flash Point, Cleveland Open Cup, °C, ASTM D92	230	237	241	225
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.8	12.2	13.2	18.6
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	78.3	71.8	81	112.5
Pour Point, °C, ASTM D97	-42	-39	-40	-37

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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04-2026

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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