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Mobil 1™ Supercar 0W-40

Designed for high performance cars to deliver outstanding overall performance




Mobil 1™ Supercar 0W-40 is an advanced full synthetic motor oil specifically designed for high performance cars to provide exceptional cleaning power and wear protection, and deliver outstanding overall performance. Mobil 1™ Supercar 0W-40 is proven in high performance North American sports cars and suitable for use in everyday driving and high performance track events.


From street to track, Mobil 1™ Supercar 0W-40 has been expertly engineered to help prolong the life and maintain the efficiency of emission systems in gasoline powered automobiles. We're as passionate about your engine as you are about your car.

Buy Now

GM Dealer

Ask technical

 [Product Data Sheets \(PDS\)](#)

 [Safety Data Sheets \(SDS\)](#)

Features and Benefits

- Made with a proprietary blend of leading edge components formulated to provide outstanding performance in many driving situations.
- Single oil for street and track use
- Enhanced frictional properties help enable improved fuel economy, higher horsepower and reduced engine wear
- Active cleaning agents help enable lower operating temperatures and longer engine life
- Outstanding thermal and oxidation stability help to reduce oil aging
- Excellent aeration control
- Catalytic converter compatibility (only applicable for Mobil 1™ Supercar 0W-40)

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Specifications and Approvals

This product has the following approvals:	0W-40	5W-50
GM dexosR	X	X

This product meets or exceeds the requirements of:	0W-40	5W-50
API SP		X

Properties and Specifications

Property	0W-40	5W-50
Grade	SAE 0W-40	SAE 5W-50
Calcium, mass%, ASTM D4951	0.17	0.073
Density @ 15.6 C, g/ml, ASTM D4052	0.8408	0.8495
Flash Point, Cleveland Open Cup, °C, ASTM D92	232	230
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12.9	18.1
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	69.0	111.8
Magnesium, mass%, ASTM D4951	0	0.074
Molybdenum, mass%, ASTM D4951	0.008	0.0165
Phosphorus, mass%, ASTM D4951	0.09	0.11
Pour Point, °C, ASTM D97	-51	-48
Total Base Number, mgKOH/g, ASTM D2896	8.5	9.6
Zinc, mass%, ASTM D4951	0.1	0.12

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>

Find the right oil and oil filter for your car

Tell us a bit more about your vehicle, and we'll tell you how to best protect it.

Year

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[Zinc and phosphorous levels](#)

More info

[Learn more about why Mobil 1 is Corvette’s recommended oil](#)

FAQs

What's so super about Mobil 1 Supercar?	+
Is Mobil 1 Supercar motor oil being used in any other GM engines?	⊖
Only the highest performance GM engines are being factory filled with Mobil 1 Supercar. This includes the most powerful Corvette, Cadillac, and Camaro models that feature the LT1 or LT4 engines, and any future engines that require a dexosR-approved motor oil. Not only that, the Mobil 1 Supercar family of products are the first to receive the coveted dexosR-approval.	
Is Mobil 1 Supercar 0W-40 motor oil the same as Mobil 1 0W-40?	+
How do I know if Mobil 1 Supercar is recommended for my Corvette?	+
What if I own a previous generation Corvette?	+
Where can I buy Mobil 1 Supercar?	+

[See all FAQs](#)

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