

Corvette Upgrades to Mobil 1 ESP Formula 0W-40



Why Now?

The heart of every Corvette is its engine. As Corvette performance has evolved to deliver world-class level of power and precision, so did the approach behind how GM and ExxonMobil developed the motor oil that helps keep that strong heart pumping.

Mobil 1™ ESP Formula 0W-40 is the result of that approach and is the first and only dexos™-approved motor oil developed specifically for Corvette.

Why change viscosities to Mobil 1 ESP Formula 0W-40 from Mobil 1 5W-30?

Over the last 25-plus years, more than 600,000 Corvettes have come with Mobil 1 5W-30 under the hood. That investment in Corvette performance began with the C4 and continues through to today.

Mobil 1 5W-30 is still recommended for many generations of Corvette, but in any Corvette where a dexos-approved motor oil is required, we're recommending upgrading to Mobil 1 ESP Formula 0W-40 for three key reasons.



3 WAYS

Mobil 1 ESP Formula 0W-40 Helps Guarantee Corvette Power and Precision



Cold Start Protection

Up to 70% of engine wear may occur during the first 3 seconds of start up, Mobil 1 ESP Formula 0W-40 is the only motor oil specifically developed to help protect the heart of your Corvette in extreme temperatures.



Wear Protection

To help reduce oil consumption and provide maximum performance, Corvette engines include technologies like a patented PCV system, a variable-displacement oil pump, and Mobil 1 ESP Formula 0W-40 which is specifically designed to help reduce oil aeration during aggressive driving.



Track to Street on 1 Oil

Chevrolet and Mobil 1 recognized that oil changes take away from track time and add costs, so Mobil 1 ESP Formula 0W-40 is the first motor oil designed specifically for Corvette to deliver maximum performance on the street, on the track, and back, with one motor oil.

What does ESP stand for?

ESP stands for "Emissions System Protection." As emissions systems have become more sophisticated, Mobil 1 engineers have met the need of enthusiasts by developing a motor oil with a proprietary blend of components that are fully compatible with catalytic converter systems and help maintain the performance and precision of every Corvette engine.

Is Mobil 1 ESP Formula 0W-40 being used in any other GM engines?

Only the highest performance GM engines are being upgraded to Mobil 1 ESP Formula 0W-40. This includes the most powerful Corvette, Camaro and CTS-V models that feature the LT1 or LT4 engines, and any future engines that require a dexos™-approved 0W-40 motor oil.

Is Mobil 1 ESP Formula 0W-40 the same as Mobil 1 0W-40?

Mobil 1™ ESP Formula 0W-40 is the result of almost 24 months of grueling tests and precise engineering. While the viscosity of these two Mobil 1 products is identical, the two are not interchangeable as the formulation of Mobil 1 ESP Formula 0W-40 is designed to guarantee it meets the strict dexos™-spec required for all C7 Corvette models.



Where can I buy Mobil 1 ESP Formula 0W-40?

Beginning in Q3 of 2018, Mobil 1 ESP Formula 0W-40 will be available where you purchase your motor oil currently. Before that widespread availability, your local Chevrolet dealer has gotten behind all Corvette owners by arranging availability immediately.

This means whether you're an enthusiast who likes to change your own oil, or one who likes to spend more time behind the wheel than under the hood, your local Chevrolet dealer will be able to handle all your Corvette needs.

The fill cap on my new Corvette says Mobil 1 and dexos, what's the difference?

dexos™-approved motor oils are uniquely designed to complement the exacting requirements of GM's advanced engine technology, and Mobil 1 is the first and only dexos™-approved motor oil developed specifically for your Corvette.

For more information on dexos, please visit www.GMdexos.com.



Mobil 1 ESP Formula 0W-40 Technical Properties

Mobil 1 ESP Formula 0W-40

Nominal Zinc Level, PPM	990
Nominal Phosphorus Level, PPM	900
Viscosity, ASTM D 445	Shown below
cSt @ 40°C	69
cSt @ 100°C	12.9
Sulfated Ash, wt%, ASTM D 874	0.8
Flash Point, °C, ASTM D 92	234
Density @ 15° C kg/l, ASTM D 4052	0.841
Total Base Number (TBN) ASTM D 2896	8.5
MRV at -40°C	20100
Viscosity Index	189
HTHS Viscosity, mPa·s @ 150°C, ASTM D 4683	3.53