

PRODUCT INFORMATION

# ECOSE<sup>®</sup> Synthetic Motor Oil

## GM Licensed & Approved

ECOSE<sup>®</sup> Synthetic Motor Oil is premium, full synthetic gasoline engine lubricant specially designed to meet the most demanding performance requirements of the new dexos1<sup>™</sup> Gen2 specification for gasoline-fueled General Motors vehicles. ECOSE<sup>®</sup> Synthetic Motor Oil provides enhanced vehicle performance as well as **low speed pre-ignition (LSPI)<sup>1</sup> protection**, particularly for **small displacement turbo-charged engines**. This new generation engine oil is a high performance lubricant providing significant wear protection, improved piston and turbocharger cleanliness and enhanced aeration control for improved fuel efficiency.

**APPLICATIONS:**

ECOSE<sup>®</sup> Synthetic Motor Oil is recommended for use in all gasoline-fueled GM vehicles. It is fully backward-compatible making it an excellent choice for previous model year vehicles produced by GM. ECOSE<sup>®</sup> Synthetic Motor Oil is recommended for gasoline-fueled and flex-fuel passenger cars, light duty trucks and sport utility vehicles including gasoline-electric hybrids where the OEM specifies SAE 0W-20, 5W-20 or 5W-30 viscosity engine oil.

Suitable for use where: API SN Plus, SN, SM, ILSAC GF-5, GF-4, and Chrysler MS-6395M, Ford M2C947-A (0W-20), Ford M2C945-A (5W-20) and Ford M2C946-B1 (5W-30) are specified – also suitable for GM6094M and GM4718M (obsolete specifications).

**TYPICAL PROPERTIES**

	Test Method	ECOSE <sup>®</sup> dexos1 <sup>™</sup> Gen2 *0W-20	ECOSE <sup>®</sup> dexos1 <sup>™</sup> Gen2 *5W-20	ECOSE <sup>®</sup> dexos1 <sup>™</sup> Gen2 *5W-30
<b>Product Code</b>		<b>530226</b>	<b>530227</b>	<b>530228</b>
Kinematic Viscosity, cSt @ 40°C	ASTM D-445	44.5	45.5	56
Kinematic Viscosity, cSt @ 100°C	ASTM D-445	8.4	8.5	10.5
Viscosity Index, calculated	ASTM D-2270	169	165	170
Color	ASTM D-1500	3.0	3.0	3.0
Cold Cranking, cP	ASTM D-5293	4500 @ -35°C	3500 @ -30°C	4000 @ -30°C
High Temp/High Shear Visc., cP @ 150°C	ASTM D-4683	2.6	2.8	3.1
Flash Point, °C	ASTM D-93	225	225	230
Pour Point, °C	ASTM D-97	-51	-48	-48
Honda HTO-06		-	Yes	Yes
ACEA A5-02		-	Yes	Yes
<b>General Motors dexos1<sup>™</sup>Gen2 license number</b>		<b>D130BFAI035</b>	<b>D130EFAI035</b>	<b>D130AEAI035</b>

*Note: Values shown above are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing.*

*\*Refer to the vehicle’s owner manual to determine which viscosity of dexos1<sup>®</sup> is recommended for your vehicle.*

<sup>1</sup>LSPI is a premature ignition of the air-fuel mixture in the combustion chamber. This low-speed pre-ignition is very violent and causes over pressurization of the combustion chamber that can lead to damage and failure of the piston, rings, valves, and other internal components.

dexos1<sup>™</sup> Gen2 is a registered trademark of General Motors Corporation