

PRODUCT INFORMATION

ECOSE® Full Synthetic Motor Oil

GM Licensed & Approved


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

APPLICATIONS:

ECOSE® Full 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® Full 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 engine oil.

Suitable for use where: API SP, SN Plus, SN, SM, ILSAC GF-6A, GF-5 and Chrysler MS-6395M, Ford M2C962-A1 (0W-20), Ford M2C960-A1 (5W-20) and Ford M2C961-A1 (5W-30) are specified – also, suitable for GM6094M and GM4718M (obsolete specifications).

TYPICAL PROPERTIES

|  | Test Method | ECOSE® dexos1™ Gen2 *0W-20 | ECOSE® dexos1™ Gen2 *5W-20 | ECOSE® dexos1™ Gen2 *5W-30 |
|---|-------------|----------------------------------|----------------------------------|----------------------------------|
| Product Code | | 530226 | 530227 | 530228 |
| 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 | 4800 @-35°C | 5000 @-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 | -44 | -42 | -42 |
| Honda HTO-06 | | - | Yes | Yes |
| ACEA A5-02 | | - | Yes | Yes |
| General Motors dexos1™Gen2 license number | | D130BFAI035 | D130EFAI035 | D130AEAI035 |

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® is recommended for your vehicle.*

¹LSPI 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.

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