



TECHNICAL BULLETIN

Synavex™ dexos™1-Gen 3 Full Synthetic Motor Oil API SP/ ILSAC GF-6A



INTRODUCTION

CAM2 Synavex™ dexos™1 Gen 3 is a global engine oil specification introduced by General Motors (GM). The latest Generation 3 dexos™1 specification is designed to meet performance needs of GM vehicles and includes a more recent version of the low speed pre-ignition (LSPI) test, fuel economy test, and upgraded performance limits for deposit and sludge tests. There is some overlap with dexos™1 Gen 2 when compared to the latest industry standard, ILSAC GF-6, but dexos™1 Gen 3 still has enhanced oxidation, turbocharger protection and engine cleanliness.

Synavex™ dexos™1-Gen 3 has significant areas of improvement:

1. LSPI
2. Valvetrain Wear
3. Fuel Economy
4. FE Retention
5. High Temp Deposits
6. Chain Wear

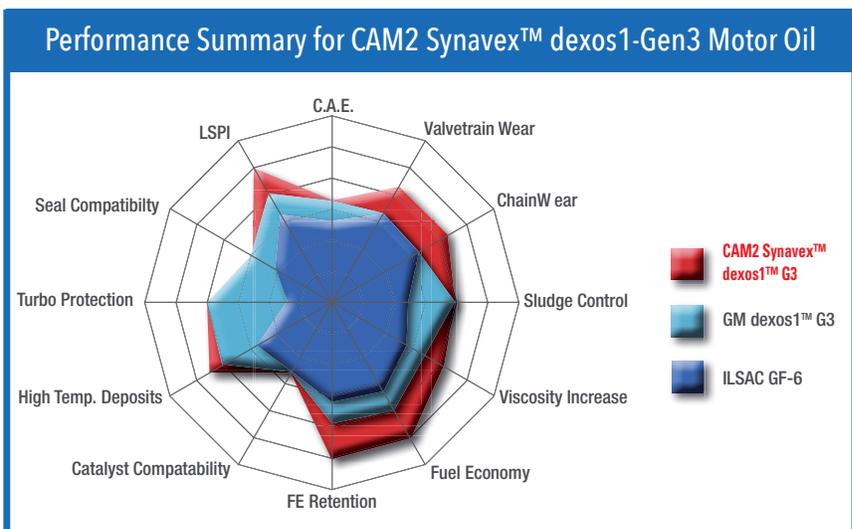
These improvements surpass industry standards for API SP and ILSAC GF-6A and meet performance requirements for advanced engines by:

- Extending drain intervals and engine life
- Improving sludge control and high temperature deposits
- Protecting turbo-charged engines against LSPI (Low Speed Pre-Ignition)

TESTS PERFORMED

The following new engine tests were developed for dexos1-Gen3:

- Turbocharger Cleanliness
- Turbo Coolant Temp Control
- Oxidation Control
- Piston Cleanliness
- Sludge Control
- Wear Protection
- Corrosion Protection
- Catalyst Protection
- Fuel Economy
- Shear Stability
- Aeration Control
- Pre-Ignition Protection



dexos™1-Gen 3 is backwards compatible with Gen 1 & Gen 2.

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(CONT.)

<u>PART NUMBER</u>	<u>PRODUCT DESCRIPTION</u>	<u>SPECIFICATIONS</u>	<u>PACKAGE SIZE</u>	<u>AVAILABILITY</u>
80565-09706	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 0W-20	API SP/ GF-6A	6/1 QUART	MAY 2023
80565-09735	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 0W-20	API SP/ GF-6A	3/5 QUART	MAY 2023
80565-09724	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 0W-20	API SP/ GF-6A	6G ECO-BOX	MARCH 13
80565-09755	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 0W-20	API SP/ GF-6A	55G DRUM	MARCH 13
80565-09700	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 0W-20	API SP/ GF-6A	275G TOTE	MARCH 13
80565-09711	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 0W-20	API SP/ GF-6A	BULK	MARCH 6
80565-09906	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 5W-30	API SP/ GF-6A	6/1 QUART	MAY 2023
80565-09935	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 5W-30	API SP/ GF-6A	3/5 QUART	MAY 2023
80565-09924	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 5W-30	API SP/ GF-6A	6G ECO-BOX	MARCH 13
80565-09955	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 5W-30	API SP/ GF-6A	55G DRUM	MARCH 13
80565-09900	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 5W-30	API SP/ GF-6A	275G TOTE	MARCH 13
80565-09911	CAM2 Synavex™ dexos™1-Gen 3 Full Synthetic SAE 5W-30	API SP/ GF-6A	BULK	MARCH 6

Brand License number for CAM2 Synavex dexos™1-Gen3 Full Synthetic 0W-20 is: D33007DJ016

Brand License number for CAM2 Synavex dexos™1-Gen3 Full Synthetic 5W-30 is: D33006DJ016

The following symbols will be displayed on all dexos™1-Gen 3 licensed products that meet the specifications.



The API "Starburst" signifies oils which meet the latest International Lubricant Specification Advisory Committee (ILSAC) standard. The ILSAC standards are developed by vehicle and engine manufacturers, oil and additive companies and industry trade associations such as API, ACC, ASTM and SAE. These oils provide engine protection while also delivering improved fuel economy and emission system protection.



The API donut denotes the latest service category from the American Petroleum Institute.

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