

FULL SYNTHETIC DEXOS™1 GEN3

MOLEC[®] Full Synthetic Dexos™1 Gen3 engine oils are blended with full synthetic base oils to meet the stricter volatility limits and fuel economy demands of the latest Turbocharged Gasoline Direct Injection (TGDI) engine designs. MOLEC[®] Full Synthetic Dexos™1 Gen3 oils are specifically formulated to meet the latest API and ILSAC requirements of aged oil LSPI protection, increased limits for fuel economy, piston deposits, timing chain wear, low temperature pumpability, along with a cap on sulfated ash levels for gasoline particulate filter compatibility. These engine oils better protect today's engines with enhanced performance in the areas of wear, cleanliness and fuel economy while providing excellent protection for extended drains and extreme service conditions.

TECHNICAL DATA:

SPECIFICATIONS	ASTM	SAE 0W-20	SAE 5W-30
Product Number		50020	50030
License Number		D330BCGC416	D330ACGC416
Viscosity @ 100°C, cSt	D7279	8.088	11.670
Viscosity @ 40°C, cSt	D7279	42.58	65.52
Viscosity Index	D2270	167	175
Specific Gravity @ 60°F	D4052	0.8452	0.8467
Pour Point, °C	D5950	-42	-39
Cold Crank Simulator, Cp	D5293	5,619 @ -35°C	4,180 @ -30°C
Colour ASTM	D1500	L3.0	L3.0
Flash Point, °C	D92	229	231
TBN, mg KOH/g	D2896	7.8	8.0
Noack Volatility, %	D5800	10.5	9.8
HTHS, Cp	D4683	2.7	3.2

BENEFICIAL QUALITIES:

- **Extended Drain Intervals**, provide unsurpassed protection against sludge, varnish and deposit buildup to keep modern engines running cleaner, stronger & longer
- **Superior Engine Protection**, meeting stricter requirements for piston deposit control and aged-oil LSPI mitigation; these measures ensure engines stay cleaner and operate more efficiently over extended periods, thus boosting engine longevity and overall vehicle performance.
- **Optimum Protection** for TGDI designs and the latest GM Dexos™1 Gen3 approval
- **Sustainability**, formulated to reduce energy losses due to viscosity, contributes to lowering greenhouse gas emissions by helping vehicles consume less fuel.

APPLICATIONS:

MOLEC[®] Full Synthetic Dexos™1 Gen3 motor oils are fully licensed under GM Specifications and are recommended for use in Turbocharged Gasoline Direct Injection (TGDI), conventional gasoline fueled and flex-fuel vehicles, including gasoline-electric hybrids, especially when operating under severe service conditions or anywhere where the manufacturer calls for Dexos™1 Gen3 or API SQ / ILSAC GF-7A rated engine oils.

Industry & OEM Applications

- GM Dexos™1 Gen3 Licensed
- Licensed API SQ and backwards compatibility with prior "S" categories
- ILSAC GF-7A, Resource Conserving
- Meets the requirements for FORD WSS-M2C971-A1 (5W-30), WSS-M2C972-A1 (0W-20)

AVAILABLE PACKAGING: • 946ML Quarts • 4.73L Jugs • 208L Drums • 1040L Totes • Bulk

PRODUCT CODES: • 50020 (0W-20) • 50030 (5W-30)

WHEN QUALITY MATTERS[®]

MOLEC Lubricants takes no responsibility for product misuse or misapplication. Always follow OEM recommendations for fluid viscosity and API Service category.

Molec Lubricants: Plamondon, Alberta, Canada T0A 2T0 • www.moleclubricants.com • (780) 798-2224