PRODUCT DATA SHEET

SYNERGY DXR 0W-40

Full-Synthetic Engine Oil for GM Dexos R Performance Applications

Rev: July 4, 2026

DESCRIPTION

TRIAX Synergy DXR 0W-40 is a full-synthetic, high-performance engine oil engineered for high-performance gasoline and diesel engines — including high-output turbocharged and gasoline direct-injection (GDI) US engines requiring the GM Dexos R specification. Developed in response to the GM 6.2L V8 recall that moved affected engines from dexos1 Gen 3 0W-20 to dexos R 0W-40, it combines enhanced viscosity stability, high film strength, and advanced oxidation resistance to withstand the extreme conditions of modern turbocharged gasoline and diesel powertrains. Synergy DXR 0W-40 delivers superior wear control, piston and injector cleanliness, and LSPI protection under severe driving, and carries a broad set of European OEM credentials — ACEA C3/C2, BMW LL-04, MB 229.51/229.52, Porsche C40, and Renault RN0700/0710 — making it suitable across both North American performance and European service applications.

PERFORMANCE HIGHLIGHTS

- **Superior wear & LSPI protection —** protects high-output turbocharged GDI engines with strong wear control and piston cleanliness
- **Low-friction formulation —** built-in friction modifiers support turbocharger and engine protection with reduced friction losses
- **Exceptional cold-start protection —** excellent lubrication and pumpability down to −50 °C
- **High-temperature durability —** superb high-temperature film strength, oxidation stability, and durability
- **Extended drain capability —** up to 15,000 miles or two years, whichever comes first
- **Severe-service ready —** strong protection for severe-duty and demanding high-load service
- **GM performance applications —** for GM Dexos R applications in U.S. vehicles, including Corvette, Camaro ZL1, Escalade-V, CTS-V, and other GM performance models

APPLICATIONS & SPECIFICATIONS

For use in applications requiring the following specifications:

- **GM Dexos R**
- API SP
- API SQ
- ACEA C3
- ACEA C2
- BMW LL-04
- MB 229.51
- MB 229.52
- Fiat 9.55535-S2
- Porsche C40
- Renault RN0700
- Renault RN0710

Vehicle Applications Requiring Dexos R:

- 2021–2024 Chevrolet Silverado 1500
- 2021–2024 GMC Sierra 1500
- 2021–2024 Chevrolet Suburban
- 2021–2024 Chevrolet Tahoe
- 2021–2024 Cadillac Escalade
- 2021–2024 GMC Yukon & Yukon XL
- Corvette, Camaro ZL1, Escalade-V, CTS-V & other GM performance models

Drain interval represents the capability of the lubricant in a mechanically sound engine with regular oil analysis and without after-market additives. Always follow the vehicle manufacturer's recommendations.

TYPICAL PROPERTIES

Property	Value	Test Method
SAE J300 Viscosity Grade	**0W-40**	**SAE J300**
Appearance	**Amber / Transparent**	**Visual**
Kinematic Viscosity @ 40 °C, cSt	**77.2**	**ASTM D445**
Kinematic Viscosity @ 100 °C, cSt	**13.5**	**ASTM D445**
Viscosity Index	**180**	**ASTM D2270**
CCS Apparent Viscosity @ −35 °C, cP	**5,900**	**ASTM D5293**
MRV Apparent Viscosity @ −40 °C, cP	**23,000**	**ASTM D4684**
Flash Point, °C	**220**	**ASTM D92**
Pour Point, °C	**−45**	**ASTM D97**
Sulfated Ash, wt %	**≤ 0.8**	**ASTM D874**

Small deviations from these results are expected during the manufacturing process and do not affect product performance, and product formulations are subject to change without notice.

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