



# TRIAX Synergy D 0W-20

Full-Synthetic Light-Duty Diesel Engine Oil — For GM dexos D Applications

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## DESCRIPTION

TRIAX Synergy D 0W-20 is a premium full-synthetic, low-viscosity engine oil engineered for modern light-duty diesel engines requiring GM dexos D performance. Built with advanced synthetic base oils and a high-performance additive system, it delivers exceptional fuel efficiency, superior engine cleanliness, and robust wear protection under both severe and extended service conditions. Synergy D provides outstanding resistance to oxidation, thermal breakdown, and soot-related deposits, while its low-SAPS chemistry supports optimal operation of diesel particulate filters (DPF) and modern emissions systems, reducing ash accumulation and maintaining system efficiency. The ultra-low-viscosity 0W-20 formulation minimizes internal friction — improving fuel economy and cold-start performance — while maintaining a strong lubricating film under the high-load conditions typical of modern turbocharged diesel engines.

## PERFORMANCE HIGHLIGHTS

- Engineered for modern light-duty diesel engines requiring GM dexos D 0W-20 performance
- **Advanced low-SAPS formulation** protects DPF, SCR, and EGR systems from ash accumulation and deposits
- **Excellent fuel economy** through ultra-low viscosity and an optimized friction modifier system
- Superior soot handling and dispersancy — prevents sludge, piston deposits, and oil thickening
- Outstanding oxidation and thermal stability for extended drain intervals and high-temperature operation
- Robust anti-wear protection under high-load, turbocharged, and stop-and-go driving conditions
- Enhanced cold-start performance with rapid oil circulation at extremely low temperatures; reduces engine noise and wear during startup and boundary lubrication
- Maintains viscosity stability and stay-in-grade performance under severe shear; high TBN retention for effective acid neutralization and long-term cleanliness

## SPECIFICATIONS & APPLICATIONS

TRIAX Synergy D 0W-20 is fully suitable for use in all applications where a dexos D 0W-20 engine oil is specified, including modern light-duty diesel trucks, SUVs, and passenger vehicles — including the latest GM 3.0L Duramax diesel engines requiring dexos D 0W-20.

For use in applications requiring the following specifications:

- GM dexos D
- API SP
- Chevrolet Silverado 1500 (2020–present)
- GMC Sierra 1500 (2020–present)
- Chevrolet Tahoe (2021–present)
- Chevrolet Suburban (2021–present)
- GMC Yukon / Yukon XL (2021–present)
- Cadillac Escalade / Escalade ESV (2021–present)

## TYPICAL PROPERTIES

| Parameter                          | TRIAX Synergy D 0W-20 | Test Method |
|------------------------------------|-----------------------|-------------|
| Viscosity, Kinematic @ 40 °C, cSt  | 43.05                 | ASTM D445   |
| Viscosity, Kinematic @ 100 °C, cSt | 8.25                  | ASTM D445   |
| Viscosity Index                    | 170                   | ASTM D2270  |
| Flash Point, °C (°F)               | 242 (468)             | ASTM D92    |
| Pour Point, °C (°F)                | -50 (-58)             | ASTM D97    |
| Total Base Number, mg KOH/g        | 8                     | ASTM D2896  |
| HTHS Viscosity @ 150 °C, cP        | 2.77                  | ASTM D5481  |

These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance.