# ALTRA DIESTER ADVANCED FULLY SYN SAE 0W20 API SQ / ACEA C5 - 21

**GM DEXOS D / MB 229.71 / FORD WSS-M2C952-A1 / OPELOV0401547-A20 / STJLR.03.5006**




**ADVANCED LUBRICANT TECHNOLOGY FOR RESPONSIVE ACCELERATION**

DTOX ALTRA IS A HIGH-PERFORMANCE ADVANCED FULL SYNTHETIC ENGINE OIL, PRECISION-ENGINEERED FOR THE NEWEST GENERATION OF ULTRA-LOW VISCOSITY GASOLINE AND LIGHT-DUTY DIESEL ENGINES. USING A PROPRIETARY HIGH-TENACITY POLYMER SYSTEM AND MOLECULAR-SHIELD™ FRICTION MODIFIERS, ALTRA 0W-20 IS DESIGNED FOR DRIVERS WHO DEMAND RESPONSIVE ACCELERATION AND MAXIMUM FUEL EFFICIENCY. THIS SPECIALIZED MID-SAPS FORMULATION IS OPTIMIZED FOR MODERN HYBRID POWERTRAINS AND TURBOCHARGED ENGINES THAT REQUIRE SUPERIOR FLOW AT LOW TEMPERATURES AND HIGH-SPEED PROTECTION.

## Verified Performance Claims:

- **Maximum Fuel Economy :** The ultra-low viscosity profile reduces pumping losses, improving mileage while meeting strict ACEA C5 requirements.
- **Advanced Hybrid Support:** Engineered for the frequent start-stop cycles of modern hybrids, providing an instant protective barrier from the moment of ignition.
- **Next-Gen 2026 Protection:** Fully compliant with API SQ standards, offering the industry's latest defense against timing chain wear.
- **Turbocharger & Filter Care:** Formulated to maintain boost pressure and protect exhaust after-treatment systems (GPF/DPF) from chemical poisoning.
- **LSPI Mitigation:** Specifically designed to protect high-compression engines from damaging Low-Speed Pre-Ignition events.

| DTOX ALTRA SAE 0W-20 DATA SHEET | | |
|---|---|---|
| Kinematic Viscosity @ 40°c (cSt) | ASTM D445 | 44.26 |
| Kinematic Viscosity @ 100°c (cSt) | ASTM D445 | 9.080 |
| Viscosity Index | ASTM D2270 | 192.60 |
| Flash Point °c | ASTM D92 | 220 |
| Pour Point °c | ASTM D97 | -35 |
| Cold Cranking Viscosity @ 30°c | ASTM D5293 | 5100 |
| Total Base Number | ASTM D2896 | 9.0 |

# ALTRA DIESTER ADVANCED FULLY SYN SAE 5W30 API SQ / ACEA C3 - 21

**BMW LONGLIFE-04 / MB 229.31 / MB 229.51 / MB 229.52 / OPEL OV0401547-D30 / OPEL OV0401547-G30 RN0710**




**ADVANCED LUBRICANT TECHNOLOGY FOR RESPONSIVE ACCELERATION**

DTOX ALTRA IS A HIGH-PERFORMANCE ADVANCED FULL SYNTHETIC ENGINE OIL, PRECISION-ENGINEERED FOR THE LATEST GENERATION OF HIGH-EFFICIENCY GASOLINE AND LIGHT-DUTY DIESEL ENGINES. USING A PROPRIETARY HIGH-TENACITY POLYMER SYSTEM AND MOLECULAR-SHIELD™ FRICTION MODIFIERS, ALTRA IS DESIGNED FOR DRIVERS WHO DEMAND RESPONSIVE ACCELERATION WITHOUT COMPROMISING ENGINE LONGEVITY. THIS MID-SAPS FORMULATION IS SPECIFICALLY OPTIMIZED FOR MODERN VEHICLES EQUIPPED WITH TURBOCHARGERS, GASOLINE DIRECT INJECTION (GDI), AND ADVANCED EXHAUST AFTER-TREATMENT SYSTEMS, INCLUDING GASOLINE PARTICULATE FILTERS (GPF) AND DIESEL PARTICULATE FILTERS (DPF).

## Verified Performance Claims:

**Responsive Acceleration:** Proprietary friction-modifier chemistry reduces internal drag, allowing for a smoother, more immediate throttle response.

**2026 API SQ Protection:** Exceeds the latest global standards for timing chain wear and high-temperature deposit control, outperforming older API SP oils.

**Modern Diesel & Hybrid Support:** Engineered for high-performance passenger diesel engines and hybrids requiring ACEA C3 Mid-SAPS protection.

**Thermal Resilience:** High-tenacity polymers maintain a stable oil film under the intense heat of turbocharged daily driving, preventing oil thickening.

**LSPI Mitigation:** Advanced chemistry specifically prevents Low-Speed Pre-Ignition (LSPI) in modern downsized engines.

| DTOX ALTRA SAE 5W-30 DATA SHEET | | |
|---|---|---|
| Kinematic Viscosity @ 40°c (cSt) | ASTM D445 | 58.62 |
| Kinematic Viscosity @ 100°c (cSt) | ASTM D445 | 11.49 |
| Viscosity Index | ASTM D2270 | 194.6 |
| Flash Point | ASTM D92 | 220 |
| Pour Point | ASTM D97 | -35 |
| Cold Cranking Viscosity @ 30°c | ASTM D5293 | 6100 |
| Total Base Number | ASTM D2896 | 9.0 |

# ALTRA DIESTER ADVANCED FULLY SYN SAE 5W40 API SQ / ACEA C3 - 21

**BMW LONGLIFE-04 / MB 229.31 / MB 229.51 / MB 229.52 / OPEL OV0401547-D40 / OPEL OV0401547-G40 RN0710**




**ADVANCED LUBRICANT TECHNOLOGY FOR RESPONSIVE ACCELERATION**

DTOX ALTRA IS A HIGH-PERFORMANCE ADVANCED FULL SYNTHETIC ENGINE OIL, PRECISION-ENGINEERED FOR HIGH-OUTPUT GASOLINE AND LIGHT-DUTY DIESEL ENGINES. USING A PROPRIETARY HIGH-TENACITY POLYMER SYSTEM AND MOLECULAR-SHIELD™ FRICTION MODIFIERS, ALTRA 5W-40 IS DESIGNED FOR DRIVERS WHO DEMAND RESPONSIVE ACCELERATION COMBINED WITH MAXIMUM FILM STRENGTH FOR ULTIMATE WEAR PROTECTION.

THIS MID-SAPS FORMULATION IS SPECIFICALLY OPTIMIZED FOR HIGH-PERFORMANCE TURBOCHARGED ENGINES AND LUXURY CONTINENTAL VEHICLES REQUIRING EXTRA VISCOSITY STABILITY UNDER HEAVY LOADS AND HIGH-TEMPERATURE OPERATING CONDITIONS.

## Verified Performance Claims:

- **Maximum Film Strength:** The robust 5W-40 viscosity profile provides an extra layer of protection, ensuring a stable lubricant film even under extreme thermal stress and high-speed driving.
- **Responsive Acceleration:** Our signature friction-modifier chemistry reduces internal resistance, allowing the engine to remain responsive even with a higher-viscosity protection barrier.
- **Next-Gen 2026 Protection:** Fully compliant with API SQ standards, providing the latest technology for timing chain protection and high-temperature deposit control.
- **Advanced Engine Sealing:** Optimized for modern and high-mileage engines, helping to maintain oil pressure and reduce oil consumption in vehicles with larger internal clearances.
- **Soot & Sludge Handling:** Formulated to meet strict ACEA C3 requirements, keeping internal components clean and protecting particulate filters (GPF/DPF) from blockages.
- **LSPI Mitigation:** Protects the latest downsized turbocharged engines from the damaging effects of Low-Speed Pre-Ignition.

| DTOX ALTRA SAE 5W-40 DATA SHEET | | |
|---|---|---|
| Kinematic Viscosity @ 40°c (cSt) | ASTM D445 | 71.76 |
| Kinematic Viscosity @ 100°c (cSt) | ASTM D445 | 13.96 |
| Viscosity Index | ASTM D2270 | 202.8 |
| Flash Point °c | ASTM D92 | 225 |
| Pour Point °c | ASTM D97 | -35 |
| Cold Cranking Viscosity @ 30°c | ASTM D5293 | 6064 |
| Total Base Number | ASTM D2896 | 9.2 |

