

XTRATON ADVANCE SYNTHETIC BLEND SAE 15W-40 CK-4

Designed to protect and meet the requirements of the new generation of cleaner, more fuel-efficient diesel engines that fulfill the new regulations. These reengineered modern engines could be exposed to hotter operating temperatures than their predecessors and require a lubricant up to their higher new standards.

Vextrom Advance Synthetic Blend CK-4 is a premium synthetic blend, high performance diesel engine oil enhanced with the latest in engine oil additive technology to offer the ultimate protection of your engine. It extends engine life while providing long drain capability for modern diesel engines operating in extreme conditions.

Recommended for use in a wide range of heavy-duty applications and operating environments, found on-and off-highway, including engines operating under heavy loads. It is specially designed to protect Low-Emission Diesel Engines with Exhaust Gas Recirculation (EGR) while maximizing the durability of Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOCs).

Designed to meet or exceed the latest OEM and API CK-4 requirements, they are backwards compatible to previous OEM and API specifications such as CJ-4, CI-4 PLUS, CI-4, and CH-4. It also meets API SN classification for use in gasoline engines and is an excellent choice for operators with mixed fleet. It also conforms to the new PC-11 standards.

In addition to on-highway light- and heavy-duty trucking with naturally aspirated and turbocharged diesel-powered engines, this product is ideal for off-highway industries, including mining, construction, quarrying and agriculture.

Benefits:

- It helps maximize fuel economy without sacrificing engine protection.
- Lower oil consumption.
- Improved formula with greater antioxidant and anti-wear additives to protect metal components.
- Exceptional shear stability that maintains viscosity in severe, high-temperature service.
- Improved sludge and soot engine control
- Improved TBN retention
- Excellent low-temperature performance allowing increased oil flow to critical bearing surfaces at startup.

The CK-4 specification was developed for engines running a maximum of 500ppm of sulfur in the fuel.

*: Suitable for use

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Specification & Approvals:

<u>API</u> CK-4, CJ-4,CI-4 PLUS, CI-4, CH-4,SN, SM,SL, SJ; <u>ACEA</u> E9, E7; <u>Volvo</u>: VDS-4.5, VDS-4, VDS 3; <u>DAIMLER(Mercedes Benz)</u>: MB 228.31; <u>CUMMINIS</u>: CES 20086, CES 20081; <u>MAN</u>: M 3575; <u>CATERPILLAR</u>: ECF-3, ECF-2 ; <u>MACK</u>: EOS-4.5,EO-O PREMIUM PLUS, EO-N; <u>DETROIT DIESEL</u>: DFS 93K222,93K218; <u>ALLISON</u>: TES439; <u>Navistar</u>: TSI-99-12; <u>DEUTZ</u> : DQC III-10 LA; <u>FORD</u>: WSS M2C171-F1; <u>GLOBAL</u>: DHD-1; <u>JASO</u>: DH-2, DH-1; <u>Mil-PRF</u> : 2104 Rev. H; <u>MTU</u>: 2.1; <u>Renault</u>: RLD-4, RLD-3.

| XTRATON ADVANCE SYNTHETIC BLEND | SAE 15W-40 |
|------------------------------------|------------|
| API | СК-4 |
| Flash Point C° (° F) | 220 (428) |
| Viscosity, cSt @100 C° | 15.5 |
| Viscosity, cSt @40 C° | 116 |
| Viscosity Index | 140 |
| Pour Point, °C (°F) | -33(-27.4) |

| ESPECIFICACIONES | 15W-40 |
|-----------------------------------|--------------|
| ACEA | |
| E9, E7 | |
| Allison | |
| TES 439 | \checkmark |
| API | |
| CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4 | |
| SN, SM, SL, SJ | |
| Caterpillar | |
| ECF-3, ECF-2 | |
| Cummins | |
| CES 20086, CES 20081 | √ |
| Daimler (MB) | |
| MB 228.31 | √ |
| Detroit Diesel | |
| DFS 93K222, 93K218 | √ |
| Deutz | |
| DQC III-10 LA | √ |
| Ford | |
| WSS M2C171-F1 | √ |
| Global | |
| DHD-1 | √ |
| JASO | |
| DH-2, DH-1 | <u>۷</u> |
| Mack | |
| EOS-4.5, EO-O Premium Plus, EO-N | ν |
| MAN | |
| M 3575 | N |
| Mil-PRF | |
| 2104 Rev. H | N |
| MTU | |
| 2.1 | N |
| Navistar | |
| TSI-99-12 | N |
| Renault | |
| RLD-4, RLD-3 | N |
| | |
| VDS-4.5, VDS-4, VDS 3 | ν |

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