

TRIAX FLEET SUPREME CK-4

FULL SYNTHETIC FRICTION MODIFIED HEAVY DUTY DIESEL OILS

TRIAX Fleet Supreme synthetic diesel engine oils are the ultimate choice for maximizing engine performance. These are state-of-the-art engine oils built with performance in mind, above anything else. TRIAX Fleet Supreme oils are fully formulated products, designed to both API CK-4 compliant and to meet and exceed both the API CK-4 specification and all related OEM specifications in the CK-4 family, such as Volvo, Cummins, Detroit Diesel, Mercedes Benz and Ford fitted with exhaust after-treatment devices such as DPF and SCR.

Packed with the revolutionary combination of NANO boron, moly and a unique boronated dispersant technology, our oil formulation ensures unparalleled lubrication and protection. Nano boron creates an ultra-smooth protective layer on engine surfaces, reducing friction and wear, resulting in enhanced fuel efficiency, extended engine life, and lower maintenance costs, reducing metal-to-metal contact and preventing damage even under extreme conditions. With TRIAX Fleet Supreme, you can trust in superior engine protection, optimal performance, and unmatched durability for your truck or fleets.

PERFORMANCE

- Excellent durability even in adverse conditions such as towing, hauling,
- High shear stability, stays in grade even under high loads and temperatures
- Exceeds all CK-4 related OEM specifications.
- Significantly improved wear control, up to 78% less wear vs the CK-4 specification requirements.
- Drastically improved detergency and soot control: clean turbo chargers, pistons and bearings
- Noticeably quieter engine operation
- Faster, quieter turbo charger spooling
- Much longer lasting turbo charger critical parts, such as shaft and bearings which are prone to wear
- Exceptional resilience to oxidative thickening and shear even under extreme conditions
- Will not burn on the turbo-bearings providing exceptional protection against turbo deposits.
- Complete protection for emission control systems such as Diesel Particulate Filters and SCR
- Excellent cold flow properties down to -45 C (5W-30 and 5W-40)
- Permits dry lubrication during immediate startup significantly reducing wear
- Virtually eliminates hard starts

PERFORMANCE HIGHLIGHTS

Minimum 2% Fuel Economy

When compared to the same viscosity grade oil from other brands.

Up to 78% Less Wear**

On critical engine parts such as pistons, bearings, turbo-chargers, tappets and cams

Up to 40% Less Deposits**

On critical engine parts such as pistons, bearings, turbo-chargers

NO STICTION

Prevents stiction and locking in HEUI oil pressurized injectors

EXTREME Extended Drain Capabilities

100,000 + miles
for highway class 8 trucks

25,000 + miles
for diesel pick-up trucks
(GMC, Ford, Chevy, Dodge)

The above drain intervals reflect the capability of the product, taking into consideration mechanically sound engines and good maintenance practices. Always use oil analysis as engine blow by, coolant leaks and other oil contamination can happen at any time and directly affect the longevity of engine oils.

*Used in mechanically sound engines with oil analysis

**vs API CK-4 industry standard requirements

SPECIFICATIONS & APPLICATIONS

Triax Fleet Supreme diesel oils are designed for use in heavy on / off road diesel engines using ultra low sulfur diesel fuel and a fully formulated API CK-4 engine oil, including those requiring relevant OEM specifications, as listed below. Triax Fleet Supreme is a low ash product, offering superior protection for all types of diesel after-treatment devices such as DPF, SCR, EGR systems fitted on modern heavy duty vehicles.

Triax Fleet Supreme lubricants offer full backwards compatibility with all older CI-4 and CI-4 Plus lubricant applications, including all relevant OEM specifications.

DIESEL PICKUP TRUCKS : TRIAX Fleet Supreme engine oils are fully compatible with all heavy duty diesel engines found in Dodge, Ford, Chevy and GMC diesel trucks, which require an API CK-4 or CI-4 engine oil or the specifications listed below. This includes the Duramax, Ford Power Stroke, Cummins high output diesel engines.

SPECIFICATION COVERAGE: These products meet or exceed the following API and OEM specifications.

- API SN, SM, SL (15W-40, 5W-30)
- Military Specification MIL-PRF-2104K
- Caterpillar ECF-3
- Volvo VDS-3, VDS-4, VDS-4.5
- ACEA E7, E9-12
- Mack EO-M Plus, EO-N Premium Plus 03, EO-O Premium Plus 07, & EOS 4.5
- Cummins CES 20081, 20086
- Mercedes Benz MB 228.51, 228.31
- Detroit Diesel 93K222, 93K218, 93K215, 93K214
- Global Specification DHD-1
- MAN 3275, MAN3575
- Renault VI RLD-3, RLD-4 (Except 5W-30)
- JASO DH-2
- MTU Type I & II, MTU Type 2.1
- Deutz DQC III-10 LA
- Ford WSSM2C171-E
- Ford WSS-M2C171-F1 (5W-40 and 15W-40)
- Scania LDF-2

TYPICAL PROPERTIES

Parameter (test)	10W-30	15W-40	5W-40	5W-30
Viscosity, Kinematic cSt at 40°C	74.66	103.4	92.20	72.40
Viscosity, Kinematic cSt at 100°C	12.00	15.30	15.20	12.20
Viscosity Index (ASTM D2270)	174	160	182	166
Flash Point, °C (°F)	228 (442)	228 (442)	228 (442)	228 (442)
Pour Point, °C (°F)	-45 (-49)	-38 (-36)	-45 (-49)	-50 (-60)
CCS Viscosity @ °C, cP (ASTM D5293)	4866 (-25)	4963 (-20)	5594 (-30)	5360 (-30)
Total Base Number (ASTM D2896)	10	10	10	10
HTHS High Temp High Shear,cP (ASTM D5481)	3.60	4.56	4.4	3.60
Sulfated Ash Content % Wt. (ASTM D874)	0.98	0.98	0.98	0.98