



DTX Plus API CJ-4



DTX Plus API CJ-4 15W-40 Diesel Engine Oil

Protects beyond the additive technology of API CJ-4 with the addition of an extremely shear resistant stay-in-grade viscosity improver. Boosted detergents, high TBN and soot dispersants deliver extended protection under the most grueling operating conditions.

DTX Plus API CJ-4 SAE 15W-40 Diesel Engine Oil builds on the improved soot handling, acid and wear control, and thermal and oxidative stability of MTX Plus API CJ-4/SM by providing the added protection of a technologically advanced, top-tier viscosity modifier that increases pumpability, viscosity control, and shear stability for even greater wear protection, oxidation resistance and fuel economy.

DTX Plus stays in-grade much longer and maintains film strength, increasing component life. This is because the advanced polymers in **DTX Plus** do not break down like the long chain polymer viscosity improvers found in many other engine oils.

DTX Plus is a 10 TBN, CJ-4 performance 15W-40 lubricant that excels in high demand, heavy-duty diesel applications. Added corrosion protection, soot dispersants and high temperature wear protection make it an excellent choice for off-road and heavy hauling severe performance.

Performance Attribute

Performance Benefit

Highly Shear-Stable, Viscosity Index Improver

Maximum protection against viscosity loss from shearing. Outstanding retention of low-temperature pumpability. Maintains viscosity for the life of the oil. Exceptional wear protection. Supports longer drain intervals.

Improved Low-temperature Properties

Lubricant flows readily to minimize bearing, cam, rod and piston wear at cold start-up when engines are most susceptible to damage.

Heavily Fortified with Detergents

Outstanding protection against deposits. Long lasting TBN neutralizes acids and maintains this lubricant's protective qualities throughout the life of the oil. Supports longer drain intervals.

Patented Soot Dispersant Technology

Keeps soot finely dispersed in the oil for reduced wear and cleaner engines even with longer drain intervals and high soot loading.



To find out more about our products and services, contact us at: (800) 333-3717 or visit www.alliedoil.com



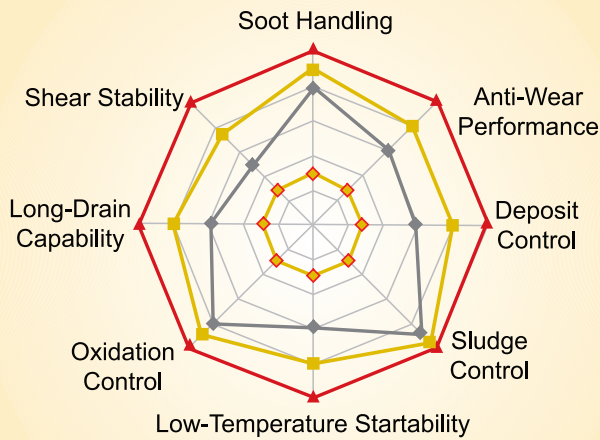
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Recommended for:

On- and off-road equipment operating under severe conditions. This outstanding lubricant provides superior protection for both modern diesel engines with exhaust emission control systems (Exhaust Gas Recirculation, Diesel Particulate Filters and NOx Catalysts) and older heavy duty diesel engines operating on Low Sulfur Diesel (LSD) or Ultra Low Sulfur Diesel (ULSD).



Relative Performance Chart



Specifications/Approvals:

Recommended for diesel engines and, where appropriate, gasoline engines requiring any of the following specifications:

- API CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF, and SM, SL Performance
- Mack EO-O Premium Plus, EO-N Premium Plus '03, EO-M Plus, EO-M
- Caterpillar ECF-3, ECF-2, ECF-1-a
- Cummins CES 20081, 20077, 20076
- Detroit Diesel 93K218, 93K215, 93K214
- MAN 3275
- Mercedes Benz p.228.3, 228.31
- MTU Type I, Type II
- Volvo VDS-4, VDS-3, VDS-2
- Global DHD-1
- JASO DH-2
- Renault RLD-3
- ACEA E9-08, E7-04, E4, E2
- Allison C-4

Performance Benefits:

- Maintains Proper Oil Flow and Viscosity for Outstanding Wear Protection
- Maximum Protection Against Viscosity Breakdown
- High Levels of Detergency and Dispersancy Keeps Engines Clean and Soot Suspended in the Oil
- High TBN Protects Against Corrosive Acids
- Exceptional Protection Against Valve Train Wear and Bore Polishing
- Outstanding Protection Against Rust and Corrosion
- Superior High and Low Temperature Properties
- Lower Volatility Reduces Oil Consumption
- Exceeds the Latest US and European OEM Requirements
- Supports Extended Drain Intervals

Typical Properties:

PROPERTY	METHOD	15W-40
KV @ 100°C, cSt	ASTM D-445	15.6
KV @ 40°C, cSt	ASTM D-445	121.3
Viscosity Index	ASTM D-2270	135
HTHS Viscosity @ 150°C, cP	ASTM D-4683	4.2
MRV @ -25°C, cP	ASTM D-4684	23,122
CCS Viscosity @ -20°C, cP	ASTM D-5293	6,484
Sulfated Ash, wt. %	ASTM D-874	0.99
Total Base Number	ASTM D-2896	10