

SynTX
5W-40 API CJ-4



SynTX Synthetic API CJ-4 5W-40 Diesel Engine Oil

Built with advanced additive and synthetic base oil technology to exceed the higher performance demands of modern engines. Delivers exceptional wear protection and improves fuel efficiency.

SynTX Synthetic API CJ-4 SAE 5W-40 is our most advanced diesel engine oil. It exceeds API CJ-4 as required by model-year 2007 and newer diesel engines equipped with advanced emission control systems. Fully backward compatible, it provides significant additional protection for older engines.

SynTX Synthetic 5W-40 withstands the stress of heat, soot and acids far better than conventional oils to help prevent deposits, wear and corrosion. Its high quality Group III synthetic base oil component allows it to pump and flow faster to provide exceptional cold-weather starting and maximum fuel efficiency.

Formulated with a highly shear-stable viscosity index improver and fortified with advanced detergents and soot dispersants, **SynTX Synthetic 5W-40** resists breakdown over extended drain intervals and offers up to **50 percent more engine wear protection**, compared with previous oil categories.

Rely on **SynTX Synthetic 5W-40** to maximize equipment performance while delivering exceptional protection.

Performance Attribute

Performance Benefit

Advanced Synthetic Technology

Enhances viscosity, delivers better fuel economy, exceptional cold-weather starting and high-temperature protection.

Advanced Dispersant Additives

Keeps soot particles suspended, minimizes viscosity increase and reduces soot-induced wear.

Heavily Fortified with Detergents

Maintains TBN, supports extended drains, keeps engines clean.

Highly Shear-Stable Top-Tier Viscosity Improver

Oil resists breakdown, stays in-grade in extended drain service.

Lower Volatility

Oil consumption and emissions are reduced, retains viscosity even during high-temperature service.

Low Sulfated-Ash Formulation

Exhaust treatment device compatible, extends service life of diesel particulate filters (DPFs).



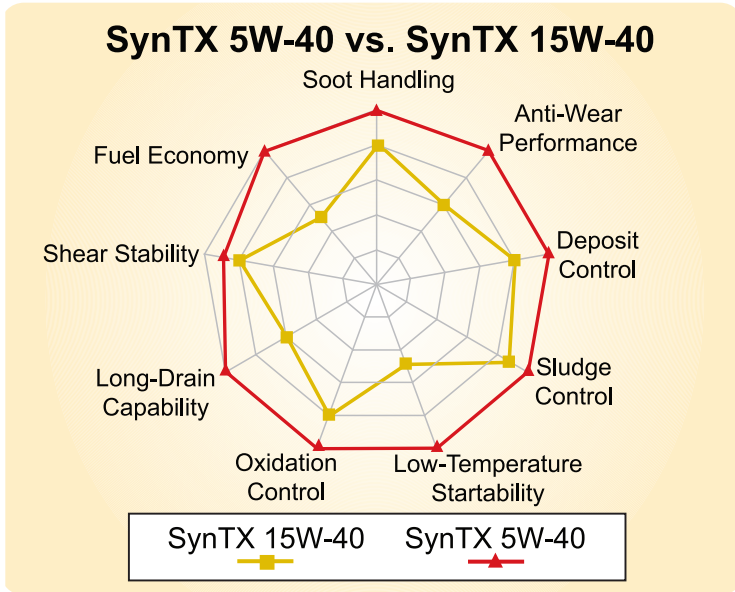
To find out more about our products and services, contact us at: (800) 333-3717 or visit www.alliedoil.com



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Recommended for:

2007 and newer engines with advanced emission control systems—engines with Diesel Particulate Filters (DPFs), Exhaust Gas Recirculation (EGR), and Nitrous Oxides (NOx) Catalysts; pre-2007 engines using Ultra-Low Sulfur Diesel (ULSD) or Low Sulfur Diesel (LSD); extreme operating conditions including long hauls, heavy loads, and all weather conditions.



Performance Benefits:

- Improves Fuel Economy
- Outstanding Low-Temperature Pumpability
- Outstanding Wear Control
- Exceptional Cold-Start Protection
- Exceptional Viscosity Control
- Safeguards Engines in All Weather Conditions
- Reduces Oil Consumption and Emissions
- Controls Soot-Thickening and Wear
- Long Lasting TBN
- Superior Protection Against Rust and Corrosion
- Exceeds Emission System Requirements
- Exceeds US and European OEM Requirements
- Supports Extended Drains

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 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

Typical Properties:

| PROPERTY | METHOD | 5W-40 |
|----------------------------|-------------|--------|
| KV @ 100°C, cSt | ASTM D-445 | 14.8 |
| KV @ 40°C, cSt | ASTM D-445 | 87.8 |
| Viscosity Index | ASTM D-2270 | 177 |
| HTHS Viscosity @ 150°C, cP | ASTM D-4683 | 3.5 |
| MRV @ -35°C, cP | ASTM D-4684 | 24,113 |
| CCS Viscosity @ -30°C, cP | ASTM D-5293 | 6,535 |
| Sulfated Ash, wt. % | ASTM D-874 | 0.99 |
| Total Base Number | ASTM D-2896 | 10 |