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How Often to Change Diesel Oil

AMSOIL synthetic diesel oils provide the protection to keep your truck operating at its best, but have you ever wondered...



August 24, 2020

If you own a turbodiesel truck, chances are you bought it for its raw power. [AMSOIL synthetic diesel oils](#) provide the outstanding protection needed to keep your truck operating at its best, but have you ever wondered how often to change diesel oil?

Unfortunately, there's no "one-size-fits-all" answer. How often you change diesel oil will depend on a few different factors, such as...



- **Engine modifications** – if you've modified the engine to make more torque or power, you'll need to change oil more often.
- **Manufacturer recommendations** – each engine manufacturer provides its own oil-change recommendations, so find that information in your owner's manual and go from there.



Change diesel oil as little as possible with oil analysis

If your goal is to change diesel oil as little as possible, you can't beat used oil analysis.

It allows you to see precisely what's happening inside your engine and how the oil is holding up. The results you receive from the lab will tell you whether the oil needs changing, ensuring you don't drain out good oil.

It's relatively inexpensive, saves time and money in the long run and, [as we show here](#), easy to do.



How often to change AMSOIL synthetic diesel oils

If oil analysis isn't for you, we offer a couple options.

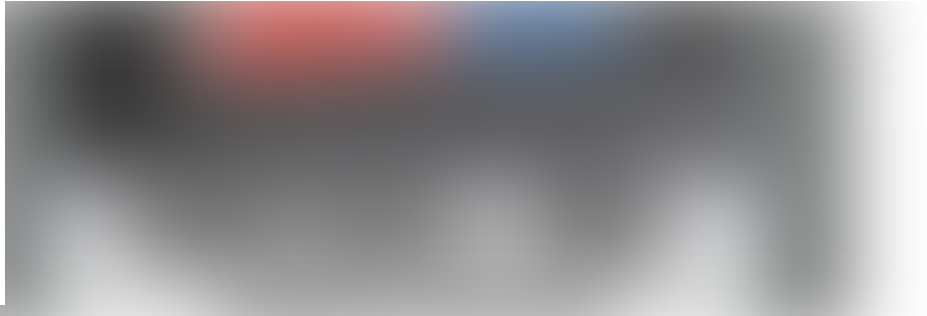


intervals.

Heavy-Duty Synthetic Diesel Oil

AMSOIL Heavy-Duty Synthetic Diesel Oil gives you the edge to keep trucks and equipment operating at peak performance. It offers outstanding value and provides excellent protection for customers seeking an upgrade over conventional, synthetic-blend or competing synthetic diesel oils.

- **4X more** engine protection¹
- **Excellent** engine cleanliness and efficiency
- **Outstanding** acid neutralization for long-term engine protection
- **Exceptional** protection for OEM-recommended drain intervals
- **Available** in 10W-30, 5W-40 and 15W-40 viscosities



Signature Series Max-Duty Synthetic Diesel Oil

Protect your investment in diesel power and confidently extend drain intervals with Signature Series Max-Duty Synthetic Diesel Oil. Advanced synthetic technology provides excellent viscosity control and outstanding extreme-temperature performance, while minimizing oil consumption.

- **6X more** engine protection²
- **Ultimate** engine cleanliness and efficiency
- **Outstanding** acid neutralization for long-term engine protection
- **Top-grade** protection for extended drain intervals
- Available in 5W-30, 10W-30, 0W-40, 5W-40 and 15W-40 viscosities





Diesel engine service life

Heavy-Duty On-/Off-Road: Three times (3X) OEM³ recommendation, not to exceed 60,000 miles (96,500 km)/600 hours or one year, whichever comes first.

Turbodiesel Pickup: Two times (2X) OEM³ recommendation, not to exceed 25,000 miles (40,200 km) or one year, whichever comes first.

Competition Service Life: Provides lasting protection for multiple events. Use oil analysis to determine appropriate drain interval.

Gasoline engine service life

Two times (2X) OEM³ recommendation, not to exceed 15,000 miles (24,100 km) or one year, whichever comes first.

Drain intervals may be extended further with oil analysis.

¹than required by the Detroit Diesel* DD13 Scuffing Test for Specification DFS 93K222 using 10W-30 as worst-case representation.

²than required by the Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222 using 5W-30 as worst-case representation.

³Refer to your owner's manual for OEM drain interval recommendations and guidelines for severe and normal service.

Note: Extended drain intervals are not recommended for performance-modified engines, when using biofuels containing more than 10% ethanol or 15% biodiesel (B15) or for 2007-2009 Caterpillar* C13 and C15 on-highway engines. Extend drain intervals beyond OEM recommendations in these instances only with oil analysis. Note: 2007-2010 Dodge*, Ford* and GM turbodiesel pickups are also not recommended for extended drain intervals when using Signature Series Max-Duty 5W-30 Synthetic Diesel Oil (DHD).

Related Reading

- [Choosing the Right Diesel Oil](#)
- [Better Diesel Protection with New Line of AMSOIL Diesel Oils](#)
- [AMSOIL Oil Change Interval](#)
- [Effects of Excessive Engine Idling](#)



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