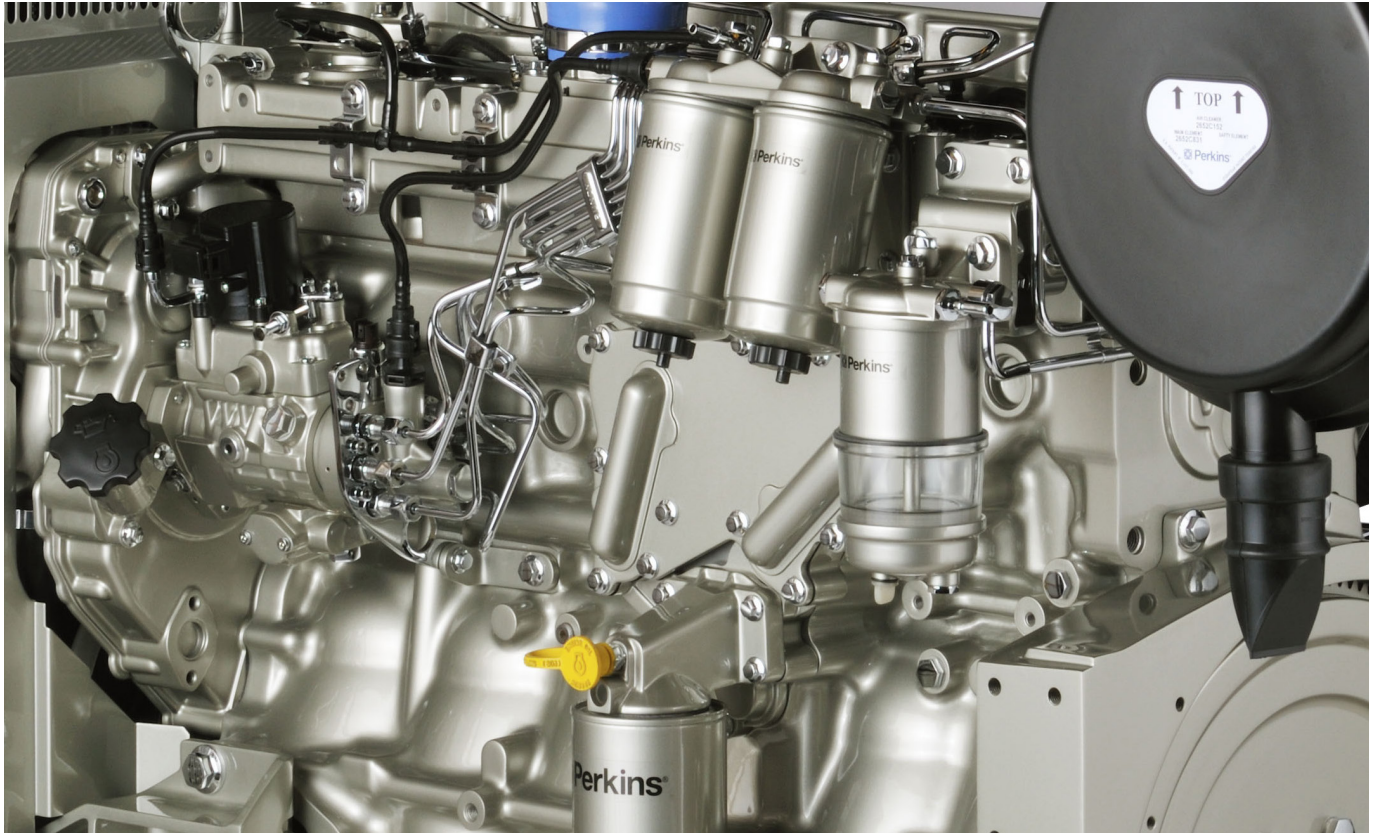


# Perkins DEO

Diesel engine oil for Europe, Africa, Middle East, Americas and Asia Pacific

## SAE 15W-40



### Recommended use

- Full range of Perkins Tier 3 and below, emissions compliant diesel engines
- Recommended for commercial, industrial, marine, on-highway and off-highway applications including construction, mining, quarrying and agriculture
- Suitable for engines with common rail electronic and mechanical fuel injection systems
- Heavy-duty diesel engines made by other manufacturers that recommend API CI-4 or CH-4 classification oil
- Mixed fleet applications including automotive gasoline engines that require API SJ/SL classification oils

### Features and benefits

Perkins DEO is approved and recommended by Perkins to meet high standards of genuine Perkins parts.

Extra high performance diesel engine oil that provides excellent lubrication:

- Increased engine life - resists oxidation and prevents build up of deposits on pistons and rings
- Ensures drain intervals – confidence in oil drain intervals while providing excellent engine protection
- Proven performance - extensively tested to ensure excellent engine life and high performance
- Long-lasting protection - improved soot control and enhanced shear stability enable oil to maintain proper viscosity for longer operating periods in Perkins engines with electronic ignition and common rail fuel systems

## Typical characteristics\*

|   |                     |
|---|---------------------|
| SAE viscosity grade   | 15W-40              |
| API service classification:<br>• Diesel<br>• Gasoline                                     | CI-4, CH-4<br>SL/SJ |
| ACEA classifications  | E7-12               |
| OEM performance level:<br>• Caterpillar   | ECF-2               |
| Flash point, °C (ASTM D92)  | 230                 |
| Density, g/mL @ 15.6°C (ASTM D4052)   | 0.884               |
| Pour point, °C (ASTM D97)   | -27                 |
| Viscosity:<br>• Kinematic cSt @ 40° C (ASTM D445)<br>• Kinematic cSt @ 100° C (ASTM D445) | 106<br>14.5         |
| Viscosity index (ASTM D2270)  | 140                 |
| Sulfated ash, % wt. (ASTM D874)   | 1.0                 |
| TBN (ASTM D2896)  | 9.1                 |
| Zinc, % wt. spectro or AA or ICP  | 0.140               |

\* The values shown are typical values and should not be used as quality control parameters to either accept or reject product. Specifications are subject to change without notice.



## Why use Perkins genuine parts?

Perkins genuine parts are designed to work together to maximise component life and engine performance. Genuine parts restore optimum power and fuel efficiency and are supported by the Perkins warranty.

### Perkins product support network

We offer you the right parts and service solutions, when and where you need them.

Perkins distributors are highly trained experts helping to keep your entire fleet up and running to maximise your equipment investment.

### Tested beyond industry standards

Perkins DEO has undergone the Cat ECF-2 and four proprietary multi-cylinder endurance tests, a variety of quality assurance tests and thousands of hours of field service. Ensuring your confidence to deliver proven performance and long lasting protection of your engine.

### Perkins filters: complete protection for your machine

Combine Perkins fluids with Perkins filters for the highest level of contamination control and protection for your engine. We recommend Perkins filters for all Perkins engine applications.

### Health and safety

Under normal conditions of intended use, this product does not pose a risk to health.

Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures.

Read and understand the Material Safety Data Sheet (MSDS) before using this product.

**For a copy of the MSDS please visit [www.perkins.com/msds](http://www.perkins.com/msds).**

