

Perkins® Diesel Engine Oil **DEO**



The **difference** is in the **detail**

SAE 15W-40 API CI-4

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

Recommended use

- Perkins' full range of 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® Diesel Engine Oil is tested and recommended by Perkins to meet the high standards of genuine Perkins parts.

Extra high performance diesel engine oil that provides excellent lubrication:

- Increased engine life – resists oxidation and inhibits build up of deposits on pistons and rings
- Provides confidence in oil drain intervals - while delivering excellent engine protection
- Proven performance – extensively tested to provide 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:	CI-4, CH-4 SL/SJ
ACEA classifications	E7-12
Meets the specifications below set by the following companies:	
• Caterpillar	ECF-2
• MB	228.3
• MAN	3275-1
• Renault	RLD-2
• Volvo	VDS-3
• Cummins	CES 20071/ 72/76/77
• Mack	EON/ EO-M PLUS
Flash point, °C (ASTM D92)	230
Density, g/mL @ 15.6°C (ASTM D4052)	0.879
Pour point, °C (ASTM D97)	-30
Viscosity:	
• Kinematic cSt @ 40°C (ASTM D445)	106
• Kinematic cSt @ 100°C (ASTM D445)	14.5
Viscosity index (ASTM D2270)	135
Sulfated ash, % wt. (ASTM D874)	1.3
TBN (ASTM D2896)	11.3
Zinc, % wt. spectro or AA or ICP0.	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 proprietary multi-cylinder endurance tests, a variety of quality assurance tests and thousands of hours of field service. Ensuring your confidence to deliver reliable 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