



Perkins® Diesel Engine Oil (DEO)

The difference is in the detail

SAE 15W-40 API CH-4.

Diesel engine oil for Tier 2 emissions engines in Asia Pacific.

Recommended use.

- Perkins full range of Perkins Tier 2 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 mechanical fuel injection systems
- Heavy-duty diesel engines where the use of API CH-4 classification oil is recommended
- Mixed fleet applications including automotive gasoline engines that require API SJ classification oils

Features and benefits.

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

Provides excellent lubrication to protect engines throughout their lifetime:

- Increased engine life – resists oxidation and prevents build up of deposits on pistons and rings
- Provides confidence in oil drain intervals – while delivering excellent engine protection
- Outstanding performance – extensively tested to provide excellent engine life and high performance

Typical characteristics.*

SAE viscosity grade	15W-40
API service classification:	
• Diesel	CH-4
• Gasoline	SJ
ACEA classifications	E2
Meets the specifications below set by the following companies:	
• Cummins	CES 20076
• Volvo	VDS-2
• Mack	EO-M
• MAN	M3275-1
Flash point, °C (ASTM D92)	244
Density, g/mL @ 15.6°C (ASTM D4052)	29.2
Pour point, °C (ASTM D97)	-27
Viscosity:	
• Kinematic cSt @ 40°C (ASTM D445)	107
• Kinematic cSt @ 100°C (ASTM D445)	14.7
Viscosity index (ASTM D2270)	142
Sulphated ash, % wt. (ASTM D874)	1.1
TBN (ASTM D2896)	10
Zinc, % wt. spectro or AA or ICPO	0.110

* 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.

Perkins distributors have highly trained experts located throughout Asia Pacific, ready to help you keep your entire fleet up and running to maximise your equipment investment.

Tested beyond industry standards.

Perkins DEO has undergone in-house multi-cylinder endurance tests, a variety of quality assurance tests and thousands of hours of field service. Ensuring your confidence to deliver outstanding performance and long lasting protection of your engine.



Perkins filters: complete protection for your machine.

Combine Perkins fluids with Perkins filters for a maximum level of contamination control and protection for your engine. We recommend Perkins filters for all Perkins engines.

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