

Cat[®] DEO[™]

API CI-4 Diesel Engine Oil for Asia Pacific, Europe, CIS

SAE 15W-40, SAE 10W-30



Recommended Use

- Tier 3 and prior engines without aftertreatment systems
- Heavy-duty diesel engines made by other manufacturers that recommend API CI-4 and prior classification oils
- Automotive gasoline engines that require API SL classification oils

Always follow the fluid recommendations in your OMM. Contact your dealer for additional information.

Discover the Difference

Cat[®] DEO is developed, tested and approved by Caterpillar to meet the same high standards as all Genuine Cat Parts.

- **Increased Engine Life**—Resists oxidation and prevents buildup of deposits on pistons and rings.
- **Proven Performance**—Tested thoroughly in Cat diesel engines to ensure excellent engine life and performance in all applications, including engines using high sulfur fuels.
- **Long-Lasting Protection**—Improved soot control and enhanced shear stability enable the oil to maintain proper viscosity for longer operating periods.
- **Factory-Fill**—Used as standard factory-fill for Cat engines.



Typical Characteristics*

SAE viscosity grade	15W-40	10W-30
Flash point, °C (ASTM D92)	225	225
Density, g/ml @ 15°C (ASTM D4052)	0.869	0.867
Pour point, °C (ASTM D97)	-36	-36
Viscosity kinematic, cSt @ 40°C (ASTM D445)	110.20	79.51
kinematic, cSt @ 100°C (ASTM D445)	14.60	11.74
Viscosity index (ASTM D2270)	136	141
Sulfated ash, % wt. (ASTM D874)	1.1	1.1
TBN (ASTM D2896)	9.2	8.9
Zinc, % wt. (ASTM D4951)	0.129	0.133
Phosphorous, % wt. (ASTM D4951)	0.112	0.116

15W-40

Meets or exceeds the performance requirements of:

API CI-4/CH-4/SL

Caterpillar ECF-2

ACEA E7-16

China GB 11122-2006 CI-4/CH-4, 11121-2006 SJ/SL

Can be used in engines requiring:

Cummins CES 20077/76/72/71 • Mack EO-N/EO-M/EO-M PLUS

MAN 3275-1 • MB 228.3

MTU Oil Category 2 • Renault RLD-2

Volvo VDS-2/VDS-3

10W-30

Meets or exceeds the performance requirements of:

API CI-4/CH-4/SL

Caterpillar ECF-2

China GB 11122-2006 CI-4/CH-4

Can be used in engines requiring:

ISUZU DEO (w/o DPD Equipped Vehicles)

Mack EO-M • Volvo VDS-2

* 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.

Health and Safety

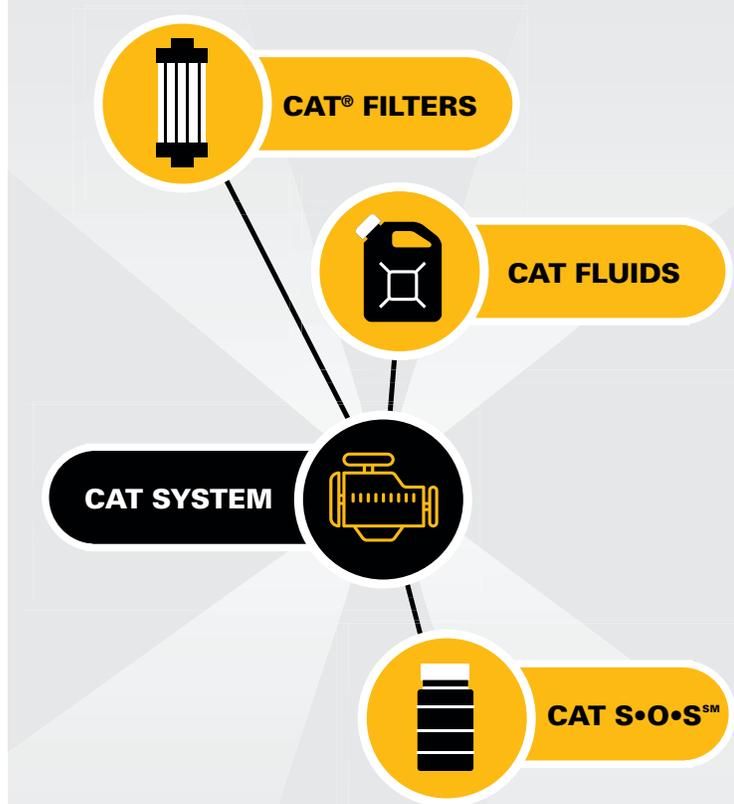
Always read and understand the Safety Data Sheet (SDS) before using this product.

For a copy of the SDS, visit us on the web at:
www.catmsds.com

LET'S DO THE WORK.™

PEHJ0021-11
www.cat.com

© 2020 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.



Cat Filters and Fluids are designed alongside Cat equipment ensuring optimal performance and customer value.

Take A Closer Look cat.com/filtersandfluids

CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT

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

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.



CAT®