

DRYDENE DIESELALL® 15W-40 CK-4

HEAVY-DUTY ENGINE OIL

**PRODUCT DESCRIPTION**

DRYDENE DIESELALL® 15W-40 CK-4 HEAVY DUTY ENGINE OIL is a superior heavy-duty engine oil formulated with the ALL Technology® to protect and extend the life of today's modern four-stroke diesel engines.

PRODUCT APPLICATION

DRYDENE DIESELALL® 15W-40 CK-4 is recommended for use on current specification on-road equipment running ultra low sulfur diesel fuel and employing low emissions technology including EGR (Exhaust Gas Recirculation), SCR (Selective Catalytic Reduction) and/or DPF (Diesel Particulate Filtration).

- Diesel engines requiring Ultra-Low Sulfur Diesel (ULSD) or older units running low sulfur content fuels up to 500ppm.
- On-highway fleets hauling heavy loads to distance at higher speeds and less frequent starting/stopping.
- Off-road applications including mining, agriculture and earth moving equipment
- Fully backward compatible to CJ-4 and previous API 'C' category specifications.

**FEATURES AND BENEFITS**

DRYDENE DIESELALL® 15W-40 CK-4 is specifically designed to meet today's rigid low emissions and increased fuel economy standards in hard-working diesel engines:

- Utilizing ALL Technology® chemistry and premium base oil, DieselAll® 15W-40 keeps engines clean and free of excess contaminants during operation.
- Effectively controls soot to help prevent abrasion and wear of vital valve train components.
- Reduces diesel particulate filters (DPF) blockage to facilitate more efficient combustion and fuel economy.
- Protects against cylinder wear, oxidation, sludge formation and thermal breakdown which can lead to costly repairs and downtime.
- Fortified to provide superior sheer stability performance and viscosity retention even under heavy loading.

Do you operate a mixed fleet? No problem. **DRYDENE DIESELALL® 15W-40 CK-4** is well-suited for use where operators want to consider performance and economics with one fluid.

**SPECIFICATIONS**

- **ACEA-** E9, E7, E4
- **API Services Categories-** CK-4, CJ-4
- **API Services Categories-** SN, SM
- **Caterpillar®-** ECF-3, ECF-2, ECF-1-a
- **Chrysler/Fiat-** MS-10902
- **CID-** A-A-52306, **MIL-PRF-**2104G
- **Cummins®-** CES 20086, CES 20081, CES 20077
- **Detroit Diesel®-** 93K222, 93K218, 93K215
- **Deutz-** DQC III-IOLA
- **Ford-** WSS-M2C171-F1 (Approved), WSS-M2C171-E
- **Global-** DHD-1
- **JASO-** DH-2
- **Mack®-** EOS-4.5, EO-O Premium Plus
- **MAN-** 3575, 3275, 270
- **MB-** 228.3, 228.31
- **MTU-** Type 2.1, Type I, Type II
- **Renault®-** RLD-4
- **Volvo®-** VDS-4.5, VDS-4, 3

Other applicable uses may exist. Please contact Drydene Performance Products, Inc. for more information.

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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 15W-40
Viscosity @ 40°C (cSt)	ASTM D445	117
Viscosity @ 100°C (cSt)	ASTM D445	15.7
Viscosity Index	ASTM D2270	142
Flash Point °C	ASTM D92	224
Pour Point °C	ASTM D5950	-35
Cold Cranking Simulator @ -20°C, cP	ASTM D5293	800
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	4.25
NOACK Volatility, % loss	ASTM D6375	10
Zinc, wt %	ASTM D5185	0.128
Sulfated Ash, wt. %	ASTM D874	0.99
Pumping Viscosity @ -25°C, cP	ASTM D4684	20,000
TBN, mgKOH/g	ASTM D2986	10

All stated physical properties are typical of standard production and may vary.

DON'T GO THE EXTRA MILE...GO THE EXTRA THOUSAND

Over the past 100 years, we've crushed rocks, built highways, toiled in fields and hauled more cargo than you can imagine. We have no plans of stopping anytime soon, and neither do you.

Dydene stands for integrity, quality and loyalty. Our company has over a century of heritage to back it up. We deliver high-quality lubricants that exceed expectations and set higher industry standards overall, because your lubricants should stand the test of time.

All Drydene heavy-duty and passenger car engine oils, hydraulic fluids, transmission and gear oils, greases as well as our extensive lineup of industrial and specialty fluids are formulated to be as rigorous as the work that needs to be done.

Drydene Performance Products, Inc.
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HEALTH AND SAFETY

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur.

For a copy of this product's Safety Data Sheet (SDS), contact Drydene Performance Products, Inc. at 1-877-DRYDENE.

DISCLAIMER

Always follow OEM recommendations for fluid viscosity and API service category. Drydene Performance Products, Inc. assumes no responsibility for product misuse or improper application.

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