

DRYDENE DIESELALL® 15W40 CK-4

HEAVY-DUTY ENGINE OIL



PRODUCT DESCRIPTION

DRYDENE DIESELALL® 15W40 CK-4 HEAVY DUTY ENGINE OIL is a superior engine oil formulated with the latest additive technology to protect and extend the life of hard-working engines.

PRODUCT APPLICATION

DRYDENE DIESELALL® 15W40 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 DPF (Diesel Particulate Filtration).

- Formulated to handle today's heavy-duty turbocharged diesel engines as well as naturally aspirated units.
- Suitable for use in off-road applications such as mining, agriculture and heavy construction even if higher sulfur fuels are being used.
- Fully backward compatible to CJ-4 and prior API specifications.

Do you operate a mixed fleet? No problem. **DRYDENE DIESELALL® 15W40 CK-4** is well-suited for use where operators want to consider performance and economics with one fluid.

FEATURES AND BENEFITS

DRYDENE DIESELALL® 15W40 CK-4 is specifically designed to meet today's rigid low emissions and fuel economy standards.

- The oil maintains its superior strength by being built with the very best base oils available. The stronger the foundation, the better the oil.
- Formulated with a unique blend of the most modern diesel engine oil additives to help prevent the buildup of harmful engine deposits and extend engine life.
- Protects against wear, oxidation, sheering and thermal breakdown which can lead to costly repairs and even costlier downtime.
- Fortified to provide superior sheer stability performance and viscosity retention even under heavy loading.



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
- **CID**- A-A-52306, **MIL-PRF**-2104G
- **Cummins®**- 20086, CES 20081, 20077
- **Detroit Diesel®**- 93K222, 93K218, 93K215
- **Deutz**- DQC III-IOLA
- **Ford**- WSS-M2C171-F1, WSS-M2C171-E
- **Global**- DHD-1
- **JASO**- DH-2

- **Mack®**- EOS-4.5, EO-O Premium Plus
- **MAN**- 3575, 3275, 270
- **MTU**- Type 2.1, Type I, Type II
- **Renault®**- RLD-4
- **Volvo®**- VDS-4.5, VDS-4, 3

Other suitable uses include (but are not limited to):

- **Allison®**- C-4, TES-439
- **Caterpillar®**- TO-2

Other applicable uses may exist. Please contact DRYDENE Performance Products for more information.

rev Aug 2017



DRYDENE DIESELALL® 15W40 CK-4

HEAVY-DUTY ENGINE OIL



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	15W40 CK-4
Gravity; °API	ASTM D287	30.8
Specific Gravity @ 15.6°C	ASTM D4052	0.871
Viscosity @ 40°C (cSt)	ASTM D445	117
Viscosity @ 100°C (cSt)	ASTM D445	15.68
Viscosity Index	ASTM D2270	142
Flash Point °C	ASTM D92	215
Pour Point °C	ASTM D5950	-37
Cold Cranking Simulator @ -20°C, cP	ASTM D5293	5600
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	4.25
NOACK Volatility, % loss	ASTM D6375	10
Color	ASTM D1500	3.0
Zinc, wt. %	ASTM D5185	0.128
Phosphorus, wt. %	ASTM D5185	0.117
Calcium, wt. %	ASTM D5185	0.110
Sulfur, wt. %	ASTM D4951	0.33
Magnesium, wt. %	ASTM D5185	0.1
Molybdenum, wt. %	ASTM D5185	0.0066
Sulfated Ash, wt. %	ASTM D874	0.98
Nitrogen, wt. %	ASTM D4629	0.105
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.

DRYDENE 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
Toll-free: 1-877-DRYDENE
info@drydenelubricants.com
www.drydenelubricants.com

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 at 1-877-DRYDENE.

DISCLAIMER

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

rev Aug 2017

