

DRYDENE DIESELALL® PLUS 15W40 CK-4

SYNTHETIC BLEND HEAVY-DUTY ENGINE OIL



PRODUCT DESCRIPTION

DRYDENE DIESELALL® PLUS 15W40 CK-4 HEAVY DUTY ENGINE OIL is synthetic blend diesel engine oil blended from synthetic base stocks and utilizes premium additive technology to meet the latest OEM diesel engine high temperature/high shear performance requirements.

PRODUCT APPLICATION

DRYDENE DIESELALL® PLUS 15W40 CK-4 is recommended for use on current specification on-road equipment employing low emissions technology including EGR (Exhaust Gas Recirculation), SCR (Selective Catalytic Reduction) and DPF (Diesel Particulate Filtration).

- It is designed for use when extended drain intervals are desired as well as where extreme operating conditions may exist.
- Formulated to handle today's heavy-duty turbocharged diesel engines as well as naturally aspirated models.
- Fully backward compatible to CJ-4, CI-4 Plus, CI-4 and prior API specifications.

DRYDENE DIESELALL® PLUS 15W40 CK-4 is well-suited for use in construction, mining and agricultural applications where ultra low sulfur diesel fuels are being run.

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
- **Ford**- WSS-M2C171-F1, WSS-M2C171-E
- **JASO**- DH-2

FEATURES AND BENEFITS

DRYDENE DIESELALL® PLUS 15W40 CK-4 is the next generation of CK-4 diesel engine oil. With its unique additive formulation and high viscosity index, it delivers unsurpassed protection in many key areas:

- Helps extend oil drain intervals (ODI) in conjunction with OEM recommendations.
- Improved engine cleanliness and protection against deposit formation in pistons.
- Advanced protection against oxidation, acid formation and viscosity breakdown due to high-temperature applications.
- Extends the life of critical wear surfaces, gaskets and seal materials.
- Low-ash formulation helps control fouling of exhaust after-treatment devices, extending useful life while lowering long-term operating



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

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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	PLUS 15W40 CK-4
Gravity; °API	ASTM D287	30.57
Viscosity @ 40°C (cSt)	ASTM D445	116.3
Viscosity @ 100°C (cSt)	ASTM D445	15.68
Viscosity Index	ASTM D2270	144
Flash Point °C	ASTM D92	226
Pour Point °C	ASTM D5950	-36
Cold Cranking Simulator @ -20°C, cP	ASTM D5293	5398
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	4.4
NOACK Volatility, % loss	ASTM D6375	9.0
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	0.99
Nitrogen, wt. %	ASTM D4629	0.105
Pumping Viscosity @ -25°C, cP	ASTM D4684	21,600
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
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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 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.

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