



PRODUCT DATA SHEET

# DRYDENE DIESELALL PLUS® 15W-40 CK-4

SYNTHETIC BLEND DIESEL ENGINE OIL



## PRODUCT DESCRIPTION

**DRYDENE DIESELALL PLUS® 15W-40 CK-4** is 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 15W-40 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).

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

## SPECIFICATIONS

ACEA- E9, E7, E4	Global- DHD-1
API Services Categories- CK-4	JASO- DH-2
Caterpillar®- ECF-3	Mack®- EOS-4.5 **
Cummins®- CES 20086 **	MAN- 3575, 270
Detroit Diesel®- 93K222 **	MB- 228.3, 228.31
Deutz- DQC III-IOLA	MTU- Type 2.1, Type I, Type II
Ford- WSS-M2C171-F1 **	Renault®- RLD-3 **
Global- DHD-1	Volvo®- VDS-4.5 **

\*\* - Denotes formal OEM approval

## FEATURES AND BENEFITS

**DRYDENE DIESELALL PLUS 15W-40 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:

- Improved fuel economy compared to conventional 15W-40 diesel engine oils
- Helps extend oil drain intervals (ODI) in conjunction with OEM recommendations
- Improved engine cleanliness and up to 60% better protection against deposit formation in pistons
- Up to 80% better control of oxidation, acid formation and viscosity breakdown due to high-temperature operating conditions
- Extends the life of critical surfaces, gaskets and seal materials delivering up 50% better wear protection
- Low-ash formulation helps control fouling of exhaust after-treatment devices, extending useful life while lowering long-term operating costs



## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 15W-40
Viscosity @ 40°C (cSt)	ASTM D445	116.3
Viscosity @ 100°C (cSt)	ASTM D445	15.7
Viscosity Index	ASTM D2270	143
Sulfated Ash, wt %	ASTM D874	0.99
TBN, mgKOH/g	ASTM D2986	10.0
Cold Cranking Simulator @ -25°C, cP	ASTM D5293	5400
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	4.3
NOACK Volatility, % loss	ASTM D6375	9.0
Pour Point, °C/°F	ASTM D5950	-36/-33



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. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit [www.DRYDENE.com](http://www.DRYDENE.com) Rev (0422-01)



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