



PRODUCT DATA SHEET

# DRYDENE DIESELALL PLUS® 10W-30

SYNTHETIC BLEND HEAVY-DUTY ENGINE OIL



## PRODUCT DESCRIPTION

**DRYDENE DIESELALL PLUS® 10W-30 CK-4** is a premium 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 including increased fuel economy and cold weather startup.

## PRODUCT APPLICATION

**DRYDENE DIESELALL PLUS 10W-30 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 specifically to provide increased fuel economy and cost savings for modern long-haul and short-haul fleets
- Similar applications where 15W-40 viscosity oils are normally used but where increased fuel economy is desired and smoother cold weather startups may occur
- Formulated to handle today's heavy-duty turbocharged diesel engines as well as naturally aspirated models

## 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

## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 10W-30
Viscosity @ 40°C (cSt)	ASTM D445	82.2
Viscosity @ 100°C (cSt)	ASTM D445	12.4
Viscosity Index	ASTM D2270	144
Sulfated Ash, wt %	ASTM D874	0.99
TBN, mgKOH/g	ASTM D2986	10.0
Cold Cranking Simulator @ -25°C, cP	ASTM D5293	6300
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	3.5
NOACK Volatility, % loss	ASTM D6375	13
Pour Point, °C/°F	ASTM D5950	-38/-36

## FEATURES AND BENEFITS

**DRYDENE DIESELALL PLUS 10W-30 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:

- Can improve fuel savings 1-2% when following OEM extended drain interval recommendations compared to conventional 15W-40 oil in long-haul service
- Extended drain intervals versus conventional based fleets products in conjunction with OEM recommendations
- Improved engine cleanliness and up 60% better protection against deposit formation in pistons compared to current API CK-4 requirements
- Advanced antioxidants can provide up 80% better protection against 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



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 (0322-01)



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