



DUCKHAMS DIESEL GARD PRO 5W-30

DUCKHAMS DIESEL GARD PRO 5W-30 is a premium performance product formulated with fully synthetic base oil and top tier HDEO additive, developed for the latest generation of HDEO engine in highway and off road applications, reduce emissions and improve fuel efficiency without compromising engine durability and provide soot handling properties, piston deposit control and valve train wear, to ensure your engine have a long service life.

Meet Performance :

- API CK-4
- ACEA E9, E7, E6
- MB 228.31
- MB 228.51/52
- CAT ECF-3
- VDS-4.5
- Mack EOS 4.5
- Renault RLD-3
- DDC 93K222
- MAN 3775
- IVECO
- DAF
- MTU Type 3.1
- Deutz DQC IV-18 LA
- Cummins CES 20086

Applications :

- For high speed, four stroke engines designed to meet 2004 exhaust emission standards.
- For On-Road vehicles meeting EURI VI emission norms.
- Appropriate for off-road vehicles in construction, agriculture, quarries, and mining meeting Euro IV stage emission norms.
- Suitable for new model diesel engine.

Features and Benefits :

- With its outstanding cylinder and cam wear protection
- Excellent wear and oxidation protection to improve engine durability
- Surpass in driving performance
- Prevent sludge formation and keep engine clean
- Increase engine life and extended oil drain intervals
- Enhanced Fuel Economy
- Compatible with the latest engine after treatment devices (DPF, SCR & EGR)

Typical Properties :

Properties	Test Method	Typical value
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500/ D6045	L6.0
Density @ 15°C, g/cm ³	ASTM D4052	0.8568
Kinematic Viscosity @40°C, cSt	ASTM D445	71.54
Kinematic Viscosity @100°C, cSt	ASTM D445	11.83
Viscosity Index	ASTM D2270	162
Flash Point by COC, °C	ASTM D92	224
Pour Point, °C	ASTM D5950/6892/6749	-42
Total Base Number, mgKOH/g	ASTM D2896	8.9
Cold Cranking Simulator @ -30°C, mPas	ASTM D5293	6,285

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

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