

DUCKHAMS DIESEL GARD PRO 5W-30 CK-4

PRODUCT DESCRIPTION

Duckhams Diesel Gard Pro is a range of top-tier fully synthetic long-life multi-grade engine oils for heavy-duty diesel engines. Formulated using cutting-edge additive technology and high-quality synthetic base oils to meet current specifications and provide outstanding long-life protection for all vehicles operating under severe conditions.

Duckhams Diesel Gard Pro 5W-30 CK-4 is a fully synthetic shear stable high-performance engine oil designed for use in highly rated diesel engines, including turbocharged engines and engines using exhaust gas recirculation, operating under severe conditions, such as significantly extended oil drain intervals. Provides excellent protection against wear and corrosion and maintains engine cleanliness. Meets emissions modern emission standards reducing environmental impact. Suitable for use in engine fitted Selective Catalytic Reduction (SCR/AdBlue) NOx reduction systems, Exhaust Gas Recirculation (EGR) systems, Diesel Oxidation Catalysts (DOC) and for use in vehicle's fitted with Diesel Particulate Filters (DPFs).

FEATURES AND BENEFITS

- Mid SAPS formulation designed to be compatible with exhaust after-treatment devices such as Diesel Particulate Filters (DPFs), Selective Catalytic Reduction (SCR/AdBlue) and Diesel Oxidation Catalysts (DOCs) to extend after treatment system life, reduce downtime and maintain continued compliance with latest emissions standards.
- Effective dispersant additives minimise soot related wear, and prevent oil thickening, maintaining oil viscosity and ensuring the oil continues to lubricate throughout the manufacturers recommended oil drain interval, extending engine life.
- Detergent additives minimise deposit formation, notably on pistons, reducing bore polishing, and maintaining engine cleanliness. Engine cleanliness ensures continued engine performance and extends component, and engine, life.
- Good base reserve neutralises acids, formed by combustion, reducing corrosive wear throughout the manufacturers recommended oil drain, extending engine life.
- Premium quality Synthetic base oils give excellent oxidative and thermal stability preventing oil thickening ensuring the oil stays within grade and maintaining oil lubrication performance throughout the manufacturers recommended oil drain interval.

SPECIFICATIONS AND APPROVALS

Meets or exceeds the required performance level for:

ACEA E7/E9, E8/E11, **API** CK-4, **Caterpillar** ECF-3, **Cummins** CES 20087, **Cummins** CES 20086, **Detroit DFS** 93K223, **Detroit DFS** 93K22, **Deutz** DQC IV-18 LA, **JASO** DH-2, **JASO** DH-1, **JASO** DL-0, **Mack** EO-S 4.5, **MB** 228.52, **MB** 228.51, **MB** 228.61, **MAN** M 3677, **MAN** M 3477, **MAN** M 3575, **MAN** M 3271-1, **MAN** M 3977, **MTU** Oil Category 3.1, **MTU** Oil Category 2.1, **Renault** RLD-4, **Scania** LDF-4, **Scania** LA, **Volvo** VDS-4.5,

TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	Typical Data
Viscosity Grade	-	5W-30
Viscosity @ 100 °C	cSt	11.83
Viscosity @ 40 °C	cSt	70.25
Viscosity Index	-	165.1
CCS @ -30 °C	cP	6359
Total Base Number	mgKOH/g	13.02
Flash Point (Closed Cup)	°C	194
Pour Point	°C	-42
Density @ 15 °C	Kg/L	0.8563

Typical physical characteristics are provided as an indication of properties based on current production data only, and should not be construed as a specification. Acceptable variation may occur during the manufacturing process without affecting the performance of the lubricant. This data can change without notification. Current version of this data supersedes all previous versions.

HEALTH, SAFETY AND ENVIRONMENT

Based on available information this product is not expected to present a significant health and safety hazard when used in the recommended applications and in accordance with the recommendations in the Safety Data Sheet. Safety Data Sheet available on request through your sales agent, or from the internet. Avoid prolonged or repeated contact with engine oils. Wash skin thoroughly after contact.

Protect the environment. Dispose of product and packaging in accordance with local regulations.

STORAGE AND HANDLING

Packed lubricants should be stored under cover. Where outside storage of drums is unavoidable, they should be laid horizontal to avoid water ingress. Product should not be stored in direct sunlight or excessively high, or low, temperatures. Duckhams can provide professional advice on the storage of lubricants.