



### Duckhams Diesel Gard 15W-40 CI-4/SL

#### PRODUCT DESCRIPTION

Duckhams Diesel Gard 15W-40 CI-4 is a top tier multi-grade diesel engine oil for heavy-duty diesel engines. Formulated using modern additive technology and high-quality virgin base oils to meet current specifications and provide advanced protection for all vehicles operating under severe conditions.

Duckhams Diesel Gard 15W-40 CI-4 is of shear stable high-quality mineral engine oil designed for use in high output, high-speed diesel engines including turbocharged engines and engines using exhaust gas recirculation, operating under severe conditions, such as extended drain interval. Provides excellent protection against wear and corrosion and maintains engine cleanliness. Not suitable for use in engines fitted with Particulate Filters.

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#### FEATURES AND BENEFITS

- Excellent Protection against wear and bore polishing protects the engine and maintains the engine condition throughout the oil drain interval.
- Shear Stable Formulation maintains oil viscosity ensuring suitable protection for the engine even when used in extended drain intervals
- Protects engine from soot and piston deposits, maintaining engine cleanliness and performance.
- Formulated with good base reserve which neutralises acidic combustion products and reduces acid build-up protecting the engine against corrosion.
- Protects against Turbocharger deposit formation, maintaining turbocharger performance and extending component life.
- Not suitable for use in engines fitted with Particulate Filters.

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#### SPECIFICATIONS AND APPROVALS

Meets or exceeds the required performance level for;

**API CI-4/SL, JASO DH-1, Caterpillar ECF1a, Caterpillar ECF-2, Cummins CES 20078, Cummins CES 20077, Deutz DDQ-III, DDC 93K215, Deutz DDQ-II, Global DHD-1, Mack EO-M, Mack EO-N, MAN 3275, MB 228.3, MTU 2.0, Renault RLD-2, VOLVO VDS-3**

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**TYPICAL PHYSICAL CHARACTERISTICS**

Property	Unit	Method	Typical Data
Viscosity Grade	-	-	15W-40
Appearance	-	-	Clear
Density @ 15°C	Kg/L	ASTM D1298	0.8708
Viscosity @ 100°C	cSt	ASTM D445	14.69
Viscosity @ 40°C	cSt	ASTM D445	104.29
Viscosity Index	-	ASTM D2270	146
CCS @ -20°C	cP	ASTM D5293	4006
Flash Point (Closed Cup)	°C	ASTM D92	228
Pour Point	°C	ASTM D97	-33
Total Base Number	mgKOH/g	ASTM D2896 <sup>B</sup>	10.61

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.

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**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.

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**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.

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