

**AMINOL**

Aminol Special Generation SLD1 5W-30 CK-4

Product Data Sheet

Engine oil

Product description

Aminol Special Generation SLD1 5W-30 CK-4 is a versatile all-season heavy-duty diesel engine oil that combines advanced engine protection for low-emission vehicles with potential fuel efficiency gains. It is suitable for a wide range of diesel-powered commercial vehicles in on- and off-highway applications, including transportation, mining, construction, and agriculture.

Application

Aminol Special Generation SLD1 5W-30 CK-4 can be used in naturally aspirated and turbocharged heavy-duty diesel engines, both in mobile and stationary equipment, where the API CK-4 service category and SAE 5W-30 viscosity grade are specified.

Features & Benefits

- Extended oil drain intervals for modern heavy-duty engines
- Enhanced wear protection compared to previous-generation oils
- Prolonged life of exhaust aftertreatment systems
- Maximum thermal stability and oxidation resistance
- Engine safeguarding against sludge and detrimental deposits
- Smooth cold starts in low-temperature conditions
- Reduced oil consumption via combustion

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	11.00
Kinematic Viscosity at 40°C	cst	ASTM D 445	67.70
Viscosity Index	-	ASTM D 2270	155
Flash Point, COC	°C	ASTM D 92	220
Pour Point	°C	ASTM D 7346	-36
TBN	mg KOH/g	ASTM D 2896	9.2
Sulphated Ash Content	%	ASTM D 874	0.99
Density at 15°C	g/ml	ASTM D 4052	0.856

Typical property characteristics are based on current production. Whilst future production will conform to Aminol specifications, variations in these characteristics may occur.

Performance claims

- API CK-4/SN
- ACEA E6/E7/E9

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- Deutz DQC IV-18 LA
- MB 228.31/228.51
- Volvo VDS - 4.5
- Mack EOS - 4.5
- Renault Trucks RLD-3
- MAN M 3677/3691/3775

ALCO LLC recommends this product for vehicles with the following specifications:

- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- JASO DH-2
- Mack EO-O Premium Plus
- MTU Type 3.1
- Renault Trucks RGD
- Scania Low Ash
- Volvo CNG
- Volvo VDS-4

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety, refer to the appropriate Safety Data Sheet, which can be obtained upon request or through our website: www.aminol.az

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Available pack sizes

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 60 L Canister plastic |
| • 6 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and

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damage to drum markings.

- Products should not be stored above 60 °C, exposed to hot sun, or freezing conditions.

Notes

This data sheet and the information it contains are believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services, and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

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