



Aminol Advance AC4 20W-50 CF-4/SG

Product Data Sheet

Engine oil

Product description

Aminol Advance AC4 20W-50 CF-4/SG is a high-performance, heavy-duty engine oil that provides proven protection to naturally aspirated and turbocharged diesel engines operating under a wide variety of service conditions. It has been designed to meet the requirements of API CF-4, CF, and SG performance categories.

Application

- Wide range of turbocharged and non-turbocharged diesel engines requiring API CF-4, CF, as well as SG performances, and meeting the Euro 2 emission standard
- On-highway heavy-duty trucks, buses, including mixed fleets with gasoline engines
- Off-highway applications, including agriculture, mining, construction, and quarrying vehicles

Features & Benefits

- Improved protection against corrosion and deposits
- Exceptional engine cleanliness and reduced sludge formation
- Excellent viscosity control and engine protection in high-temperature operations
- Superior cold-start performance and wear protection during low-temperature operations
- Outstanding piston and ring seal protection
- Compatible with most engine seals and gaskets

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	18.50
Kinematic Viscosity at 40°C	cst	ASTM D 445	170.7
Viscosity Index	-	ASTM D 2270	122
Flash Point, COC	°C	ASTM D 92	240
Pour Point	°C	ASTM D 7346	-24
TBN	mg KOH/g	ASTM D 2896	7.2
Sulphated Ash Content	%	ASTM D 874	1.10
Density at 15°C	g/ml	ASTM D 4052	0.890

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 CF-4/SG



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

- ACEA E2
- MAN M270
- MB 228.1
- MTU Type 1
- Caterpillar TO-2
- Allison C-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 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

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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.