



Product Data Sheet

Aminol™ Avantgarde AD3 10W-40 CH-4/SJ

Engine oil

Product description

Aminol™ Avantgarde AD3 10W-40 CH-4/SJ is a high performance solution designed to provide superior performance, particularly for diesel engines used in demanding on- and off-highway heavy duty applications. Formulated using the latest synthetic technology, it excels in several critical aspects of engine care.

Application

Aminol Aminol™ Avantgarde AD3 10W-40 CH-4/SJ is recommended for all types of diesel and gasoline engines where the manufacturer specifies the API CH-4/SJ service category. It is also suitable for on-road and off-road applications, including equipment that are exposed to extreme low temperature.

Features & Benefits

- Superior soot viscosity control
- High resistance to corrosive and abrasive wear
- Outstanding thermal and oxidative stability
- Excellent low-temperature pumpability
- Improved corrosion protection with extended drain intervals
- Shear stability to maintain grade consistency

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	14.50
Kinematic Viscosity at 40°C	cst	ASTM D 445	102.6
Viscosity Index	-	ASTM D 2270	146
Flash Point, COC	°C	ASTM D 92	224
Pour Point	°C	ASTM D 97	-33
TBN	mg KOH/g	ASTM D 2896	8.4
Sulphated Ash Content	%	ASTM D 874	1.18
Density at 15°C	g/ml	ASTM D 4052	0.868



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 CH-4/SJ
- ACEA E7
- MB 228.3
- MTU Type 2
- MAN M 3275-1
- CES 20076
- Deutz DQC II-18

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 | • 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 is 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.