



## Product Data Sheet

### Aminol™ Avantgarde AD1 20W-50 CH-4/SJ

Engine oil

#### Product description

Aminol™ Avantgarde AD1 20W-50 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 AD1 20W-50 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	19.5
Kinematic Viscosity at 40°C	cst	ASTM D 445	165.3
Viscosity Index	-	ASTM D 2270	136
Flash Point, COC	°C	ASTM D 92	238
Pour Point	°C	ASTM D 97	-27
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	0.885



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
- 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](http://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
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 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

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