



Aminol EcoSynergy 10W-40 E4/E7

Product Data Sheet

Engine oil

Product description

Aminol EcoSynergy 10W-40 E4/E7 is a high-performance lubricant designed for diesel engines in light and heavy commercial vehicles, whether with or without turbochargers. Meeting Euro-II, Euro-III, Euro-IV, and Euro-V emissions standards, it seamlessly works with engines using EGR and/or SCR exhaust after-treatment systems; however, it is not recommended for those equipped with a Diesel Particulate Filter (DPF).

Application

- Modern heavy-duty engines equipped with EGR and SCR NOx reduction systems (not suitable for Diesel Particulate Filters)
- Conventional high-performance naturally aspirated or turbocharged commercial vehicles
- On-Highway Short-Haul and Long-Haul Trucks and Buses
- Off-Highway Mining, Construction, and Agricultural Equipment

Features & Benefits

- Effective deposit prevention
- Improved low-temperature pumpability
- Strong dispersion properties
- Superior wear and corrosion protection
- Stable viscosity index
- Extended oil change intervals
- Reduced fuel consumption

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	14.00
Kinematic Viscosity at 40°C	cst	ASTM D 445	90.15
Viscosity Index	-	ASTM D 2270	160
Flash Point, COC	°C	ASTM D 92	228
Pour Point	°C	ASTM D 7346	-33
TBN	mg KOH/g	ASTM D 2896	12.5
Sulphated Ash Content	%	ASTM D 874	1.25
Density at 15°C	g/ml	ASTM D 4052	0.875

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



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Performance claims

- ACEA E4/E7
- MB 228.5
- MAN M3277/3377
- Volvo VDS-3
- Renault Trucks RLD-2
- Mack EO-N
- Deutz DQC IV-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 | • 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 available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No

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