



Aminol M-14D2

Product Data Sheet

Railroad engine oil

Product description

Aminol M-14D2 is a premium crankcase lubricant designed for medium-speed railroad diesel engines and similar applications. Formulated with a carefully selected mineral base oils and proven zinc-free, chlorine-free additive technology, it provides corrosion protection, reduces sludge formation in locomotive engines, and ultimately helps lower maintenance costs.

Application

Aminol M-14D2 is particularly well-suited for use in diesel locomotive engines, aligning with manufacturer recommendations for a lubricant with LMOA Generation V and GE Generation IV Long Life specifications.

Features & Benefits

- Enhanced corrosion resistance
- Effective deposit and wear control
- Improved engine oil efficiency and cost savings
- Extended oil drain intervals

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	kg/m ³	GOST 3900	0.895
Kinematic Viscosity at 40°C	mm ² /s	GOST 33	150.0
Kinematic Viscosity at 100°C	mm ² /s	GOST 34	14.00
Viscosity Index	-	GOST 25371	93
Content	%	GOST 2477	None
Mechanical Impurities	%	GOST 6370	None
Flash Point (COC)	°C	GOST 4333	246
Pour Point	°C	GOST 20287	-15
Color (15:85)	-	GOST 20284	2.0
Total Base Number	mg KOH / g	GOST 12417	11.0

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/CF2
- SAE 40



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- LMOA Generation 5
- G.E. Generation 4 Long Life
- Caterpillar 3600

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 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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