



Aminol FD-1 SAE 60

Product Data Sheet

Powershift transmission fluid

Product description

Aminol FD-1 SAE 60 is a specialized lubricant designed for modern Caterpillar off-road equipment, specifically tailored for severe service conditions that necessitate lubricants meeting CAT FD-1 specifications. Formulated with top-tier base stocks and distinctive additives, it ensures superior performance and facilitates extended oil drain intervals.

Application

- Aminol FD-1 SAE 60 is recommended for use in all Caterpillar final drives and axles.
- It should not be used in compartments which contain friction material, unless final drive & axle oil has been specified.

Features & Benefits

- Prolongs component life
- Extends drain intervals
- Enhances performance across varying temperatures
- Improves rust and corrosion protection
- Provides excellent defense against foaming

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.904
Kinematic Viscosity at 100°C	cst	ASTM D 445	23.50
Kinematic Viscosity at 40°C	cst	ASTM D 445	320.0
Viscosity Index	-	ASTM D 2270	93
Flash Point, COC	°C	ASTM D 92	260
Pour Point	°C	ASTM D 7346	-15
Copper Strip Corrosion	-	ASTM D 130	1a

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

Performance claims

- Caterpillar FD-1



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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
- 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

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.