



Aminol SlideFlow 320

Product Data Sheet

Slideway oil

Product description

Aminol SlideFlow 320 is specifically designed for lubricating machine tool slides, tables, and feed mechanisms. It features exceptional quality base oils and special additives to offer excellent adhesive and friction properties, prevent stick-slip, and ensure smooth movement.

Application

Aminol SlideFlow 320 is suitable for slideways, tables, carriages, guides and all machining center applications where a tacky extreme pressure lubricant is required. It may also be used for lubricating headstocks, cross feeds, saddles, and gearboxes.

Features & Benefits

- Superior oxidation stability
- Exceptional adhesiveness
- High load carrying capacity
- Excellent demulsification
- Controlled frictional characteristics
- Long-term rust and corrosion protection
- Multi-material capabilities

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	320
Density at 15°C	g/cm ³	ASTM D4052	0.895
Kinematic Viscosity at 40°C	cst	ASTM D445	320
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	23.69
Viscosity Index	-	ASTM D2270	93
Flash Point (COC)	°C	ASTM D92	268
Pour Point	°C	ASTM D97	-9
Copper Corrosion, 3h, 100°C	-	ASTM D 130	1b
Rust Preventive in the presence in water	-	ASTM D 665	pass
Water separability	-	ASTM D 7451	30
-time to 3ml emulsion	-	ASTM D 7451	30

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

- DIN 51502 CGLP
- DIN 51517 Part 3
- ISO 19378 GA & GB
- ISO 11158 HG
- ISO 6743-4 (L-HG)
- ISO 6743-13 (L-GA/ L-GB)

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



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