



# Product Data Sheet

## Aminol™ Paper Machine Oil 320

### Paper Machine Oil

#### Product description

Aminol™ Paper Machine Oil 320 is a high-performance paper machine circulating oil, utilizing ashless additive technology. It is engineered to deliver excellent lubrication performance while safeguarding equipment components from rust and corrosion.

#### Application

- Circulating oil systems for paper machines
- Suction box pumps, vacuum and white water pumps, agitators, reduction gears, and gear head motors
- Oil circulation systems for pulp grinders and pulp refiners
- Gear drive units and pumps in industrial applications
- Plain and antifriction bearings operating at elevated temperatures

#### Features & Benefits

- Excellent oxidation resistance and thermal stability
- High load-carrying capability
- Outstanding demulsibility
- Improved rust and corrosion protection
- Exceptional filterability

#### Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	320
Density at 15°C	g/cm <sup>3</sup>	ASTM D 4052	0.901
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D 445	320
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	23.69
Viscosity Index	-	ASTM D 2270	93
Flash Point (COC)	°C	ASTM D 92	284



Pour Point	°C	ASTM D 97	-15
Copper strip corrosion	-	ASTM D 665	pass
Copper strip corrosion, 3 h., at 120°C	-	ASTM D 130	1
Foaming properties - Seq I, at 24°C - Seq I, at 93.5°C - Seq I, at 24°C	-	ASTM D 892	30/0 30/0 30/0
Water separability at 82°C	-	ASTM D 1401	15

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

### Performance claims

- DIN 51524-2 (HLP)
- DIN 51517-3 (CLP)
- Voith VN 108
- SKF
- Metso
- Anderitz
- Beloit

### 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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