



## Product Data Sheet

### Aminol™ Circulating Oil 680 AW

Circulating oil

#### Product description

Aminol™ Circulating Oil 680 AW is a rust and oxidation inhibited, anti-wear circulating oil developed to provide effective lubrication for friction parts and diverse mechanisms. It is blended with high-quality mineral base oils and a carefully selected additive package to prevent oxidation, corrosion, and wear.

#### Application

Aminol™ Circulating Oil 32 AW is a multipurpose oil suitable for lubricating assembly blocks in machines and devices that don't require extreme pressure properties. It's also ideal for moderately loaded gears, gear couplings, hydraulic pumps, and various bearings, including high-temperature paper machine bearings, where EP properties are not needed

#### Features & Benefits

- Excellent oxidation and thermal stability
- Outstanding anti-wear characteristics
- Remarkable water-separating properties
- Exceptional foam resistance
- Effective protection against rust and corrosion

#### Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	VG 460
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.903
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	680
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	37.82
Viscosity Index	-	ASTM D2270	92
Flash Point (COC)	°C	ASTM D92	294
Pour Point	°C	ASTM D97	-9



Copper Strip Corrosion, 3 h, 100 °C	-	ASTM D130	1a
Rust-Preventing Characteristics, A&B	-	ASTM D665	pass

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 51524/1 (HL)
- DIN 51517-2 (CL)
- ISO 11158 (HL)
- ISO-L-HL

### 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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