



Aminol Circulating Oil 680 AW

Product Data Sheet

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 680 AW is a multipurpose oil suitable for lubricating assembly blocks in machines and devices that do not require extreme pressure properties. It is also ideal for moderately loaded gears, gear couplings, hydraulic pumps, and various bearings, including high-temperature paper machine bearings, where EP properties are not required.

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 680
Density at 15°C	g/cm ³	ASTM D 4052	0.903
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	680
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	37.82
Viscosity Index	-	ASTM D 2270	92
Flash Point (COC)	°C	ASTM D 92	294
Pour Point	°C	ASTM D 97	-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)



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- 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

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.

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