



Aminol Circulating Oil 460 RM

Product Data Sheet

Circulating oil

Product description

Aminol Circulating Oil 460 RM is a high-performance lubricant engineered to offer exceptional protection in demanding industrial bearing and circulating applications, notably in challenging environments like 'No-Twist' Rod Mill Systems. It is formulated with high-quality base stocks and specially chosen additives to provide outstanding antiwear and antioxidant properties.

Application

- No Twist Rod Mills
- General industrial bearing and circulating systems
- Enclosed industrial gear systems

Features & Benefits

- Excellent protection for lubricated components
- Ensures a robust lubricating film
- Maximizes efficiency of the water removal system
- Minimizes the risk of unscheduled maintenance
- Extends the life of the oil charge, prolonging re-lubrication intervals

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	VG 460
Density at 15°C	g/cm ³	ASTM D 4052	0.901
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	460
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	29.73
Viscosity Index	-	ASTM D 2270	92
Flash Point (COC)	°C	ASTM D 92	284
Pour Point	°C	ASTM D 97	-12

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

Performance claims

- Danieli 0.000.001 Type 21
- Morgan No-Twist Mill (Spec MMC40003)



Aminol Circulating Oil 460 RM

Product Data Sheet

Circulating oil

- DIN 51524 Part 1 & 2
- ISO 11158 HL & HM
- Schuler Pressen DT 55055 01.2017

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.

© 2016-2025 | All rights reserved

The logos and trademarks used herein are properties owned by ALCO LLC.



ALCO LLC

3, Vali Mammadov st., Sabail dist., Baku, Azerbaijan, AZ1095

✉ info@aminol.az

2/2