



# Aminol Circulating Oil 320 RM

## Product Data Sheet

Circulating oil

### Product description

Aminol Circulating Oil 320 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 320        |
| Density at 15°C              | g/cm <sup>3</sup>  | ASTM D 4052 | 0.9           |
| Kinematic Viscosity at 40°C  | mm <sup>2</sup> /s | ASTM D 445  | 320.0         |
| 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   | 286           |
| 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)
- DIN 51524 Part 1 & 2



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- ISO 11158 HL & HM
- Schuler Pressen DT 55055 01.2016

### 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 | • 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

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