Product Data Sheet

**Aminol™ Circulating Oil 460**

Circulating oil

**Product description**

Aminol Circulating Oil 460 is a rust and oxidation (R&O)-inhibited, anti-wear circulating oil developed to provide effective lubrication for friction parts and diverse mechanisms. It is formulated with quality mineral base oils combined with a carefully selected additive package to prevent oxidation, corrosion and wear.

**Application**

Aminol Circulating Oil 460 systems or skids continuously lubricate bearings, gears and fans. They lubricate machinery used to pump storm water, to circulate fresh air in mines, to extract oil, to power ships, to produce paper and chemicals, and to test military equipment.

**Features & Benefits**

* Remarkable demulsibility
* High resistance to oxidative degradation
* Exceptional rust and corrosion protection
* Excellent water-separating properties
* Prolonged service life

**Typical Properties**

| **Property** | **Unit** | **Test method** | **Typical value** |
| --- | --- | --- | --- |
| ISO viscosity grade | - | - | VG 460 |
| Density at 20°C | g/cm3 | ASTM D4052 | 0.896 |
| Kinematic Viscosity at 40°C | mm2/s | ASTM D445 | 460.0 |
| Viscosity Index | - | ASTM D2270 | 93 |
| Flash Point (COC) | °C | ASTM D92 | 286 |
| Pour Point | °C | ASTM D97 | -12 |
| 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)
* ISO 11158 (HL Fluids)
* DIN 51517-2 (CL)
* ISO 3448 460
* ISO 6743/2 ISO-L-FC
* Morgoil Advanced Lubricant Specification, New Oil Revision 2.4,2007

**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**

* 20 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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