

AMALIE

Better than it has to be®
Since 1903

PNEUMATIC TOOL / ROCK DRILL / SAWMILL LUBRICANTS

AMALIE Pneumatic Tool / Rock Drill / Sawmill Lubricants have been designed to bring strong extreme pressure (EP) performance under the most demanding applications. Resistant to water wash-off, this series of lubricants protects surfaces under conditions of pneumatic percussion, which may lead to rifling damage. In addition, the product is designed to lubricate saw blades without leading to build up pitch deposits. **AMALIE Pneumatic Tool / Rock Drill / Sawmill Lubricants** are useful in a variety of applications, such as tools that require extreme pressure properties for protection of equipment under high load conditions and tack adhesion to the work surface. These lubricants will protect against rust formation on tool parts. They contain additives that minimize spray mist. This is particularly important in sawmill applications. In sawmill applications; **AMALIE Pneumatic Tool / Rock Drill / Sawmill Lubricants** will cling tenaciously to the blade lowering lubricant replacement costs. These oils contain an EP agent and various chemical components to control wear, oxidation, sludge, corrosion and foaming. These products are formulated in various ISO viscosity grades, with varying high and low temperature properties depending on ambient conditions.

Benefits:

- Multiple service oil
- Excellent wear protection
- Excellent corrosion protection
- Ash-less Formulation

MULTI-USE INDUSTRIAL OILS

AMALIE Multi-Use Industrial Oils are formulated as a general workshop oil to bring slide-way, hydraulic, and gear performance in a single lubricant. The product thus allows significant inventory and supply chain cost reduction, and minimizes the possibility of lubricant misapplication. **AMALIE Multi-Use Industrial Oils** protect ways which often carry machine tools in severe environments. Performance attributes that are needed by a sideway lubricant can vary significantly from application to application, though the following are very common: Antiwear/extreme pressure performance, anti-rust performance, yellow metal corrosion resistance, and anti-oxidancy. In addition, the smooth operation of the way can lead to improved accuracy and quality, so strong friction performance as measured by stick-slip resistance is essential. Given the proximity of the way to machine tools and their cutting fluids, a degree of separation from the cutting fluid is also needed. Indeed, emulsion type cutting fluids will not be damaged by mixing with **AMALIE Multi-Use Industrial Oils**, as often this fluid is separated and circulated back to the cutting tool. This product is formulated in various ISO viscosity grades, with varying high and low temperature properties depending on ambient conditions.

Benefits:

- Multiple service oil
- Excellent wear protection
- Excellent corrosion protection
- Good anti-oxidative performance

SPINDLE / NEEDLE BEARING OILS

AMALIE Spindle / Needle Bearing Oils are low viscosity oils used to lubricate the bearings of commercial sewing and textile equipment where the yarn or fabric does not contact the lubricant. These oils are also recommended for high-speed spindle bearings in precision grinders and other machine tools requiring low-viscosity oils. The product offers strong oxidation and rust resistance properties. The higher viscosity index (VI) of these oils reduces the tendency for stray mist or fogging in higher speed applications. **AMALIE Spindle / Needle Bearing Oils** are suitable for use wherever strong anti-wear protection, oxidation protection, and rust inhibition are required. Not recommended for applications where the spindle oil contacts the yarn or fabric.

Benefits:

- Light in color
- Excellent corrosion protection
- Very good water separation characteristics

HEAVY DUTY BEARING / CIRCULATING LUBRICANTS

AMALIE Heavy Duty Bearing / Circulating Lubricants are formulated to protect high-speed, no-twist rod mills such as those manufactured by Morgan Construction Company USA. These Lubricants are formulated to bring outstanding rust and corrosion control in gears, shafts, bearing screws, and internal housing sections. Balanced corrosion protection is very necessary to counteract water from condensation and roll neck seal leakage. These lubricants will also ensure that oil-return lines will be protected from corrosion. In addition, these lubricants resist the formation of oil-water emulsions and have good water separability. **AMALIE Heavy Duty Bearing / Circulating Lubricants** are formulated with anti-wear additives to protect gearing against scuffing and scoring. Film strength and other properties bring low friction or low break-away torque which is critical to good ball, roller and oil film bearing operations.

Benefits:

- Superior protection against rust & corrosion
- Excellent foam control
- Enhanced demulsibility
- Contains anti-wear additives to prevent scuffing & scoring

PAPER MACHINE OILS

AMALIE Paper Machine Oils are formulated to perform in the rigorous environment of modern paper machines. Their versatile design allows effective operation for both "Wet" and "Dry" end applications when used for the manual, ring, collar or rolling bearings of the paper machine's dry end as well as in vacuums, water pumps, blowers, main drive shafts, and re-winders. They provide excellent oil/water separation, anti-wear properties, corrosion protection, oxidation inhibition, filterability, and low foaming tendencies in high temperature, high pressure heavy-duty service. These oils demonstrate outstanding water separation characteristics for the removal of water from gear and bearing systems.

Benefits:

- Water separation properties
- Foam resistance
- Oxidation resistance
- Corrosion resistance

MADE IN U.S.A.



PNEUMATIC TOOL / ROCK DRILL / SAWMILL LUBRICANTS

VISCOSITY	PACK SIZE	PART #
32	55 Gallon Drum	160-64323-05
46	55 Gallon Drum	160-64333-05
100	5 Gallon Drum	160-74314-25
100	55 Gallon Drum	160-74313-05
220	55 Gallon Drum	160-74333-05

HEAVY DUTY BEARING / CIRCULATING LUBRICANTS

VISCOSITY	PACK SIZE	PART #
100	55 Gallon Drum	160-78213-05
150	55 Gallon Drum	160-78223-05
220	55 Gallon Drum	160-78233-05
460	55 Gallon Drum	160-78253-05
680	55 Gallon Drum	160-78263-05

MULTI-USE INDUSTRIAL OILS

VISCOSITY	PACK SIZE	PART #
32	55 Gallon Drum	160-60423-05
68	55 Gallon Drum	160-60443-05
220	55 Gallon Drum	160-70433-05

PAPER MACHINE OILS

VISCOSITY	PACK SIZE	PART #
22	55 Gallon Drum	160-67413-05
32	55 Gallon Drum	160-67423-05
46	55 Gallon Drum	160-67433-05
68	55 Gallon Drum	160-67443-05
100	55 Gallon Drum	160-77413-05
150	55 Gallon Drum	160-77423-05
220	55 Gallon Drum	160-77433-05
460	55 Gallon Drum	160-77453-05

SPINDLE / NEEDLE BEARING OILS

VISCOSITY	PACK SIZE	PART #
5	55 Gallon Drum	160-64553-05
10	55 Gallon Drum	160-67813-05
15	55 Gallon Drum	160-64573-05
22	55 Gallon Drum	160-64513-05
32	55 Gallon Drum	160-64523-05

Always refer to your vehicles operating manual to select the correct grade of oil for your engine. The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.

