Accu-Lube®

Minimum Quantity Lubricants & Applicator Systems for Near-Dry Machining

the natural choice in metalworking lubricants

ITW ROCOL® North America
HISTORY OF EXCELLENCE
Since 1979 Accu-Lube has been the industry leader in manufacturing lubricants and equipment for Minimum Quantity Lubrication (MQL). Today, Accu-Lube continues to be at the forefront of near-dry machining through our dedication to innovation, safety and service.

COMMITTED TO RESPONSIBLE MANUFACTURING
Accu-Lube manufactures a complete line of environmentally safe metalworking lubricants using renewable raw materials. These fluids are specially formulated to provide superior performance and economy while helping to keep the planet safe from industrial contaminants by getting rid of the toxins required in flood coolant and eliminating harmful waste. Our mission is to help customers create cleaner, safer, greener facilities with our non-toxic, biodegradable lubricants that are second to none in performance, quality and value.

QUALITY OVER QUANTITY
Accu-Lube Minimum Quantity Lubrication applicator systems use advanced technology to focus droplets of lubricant directly onto the tool’s cutting edge, providing lubrication and protection precisely where it is needed. Our minimum quantity approach allows manufacturers to conserve fluid and cut down on waste. With a small amount of our premium lubricant, tools last longer and parts come out cleaner. By eliminating flood coolant, shops stay clean and fluid maintenance is a thing of the past.

This is Near-Dry Machining.
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Safe to use with all metals, cleaning recommended before heat treating

**LB-1000**
Premium, heavy-duty minimum quantity lubricant with chlorinated extreme pressure additives.

**Characteristics**
- Extra heavy-duty
- Vegetable-based, biodegradable lubricant
- 5% chlorinated EP additives, also available with 10 or 30% EP
- For ferrous & nonferrous metals, including aluminum
- Not recommended for titanium
- Clean before heat treating with soap and water

**Applications**
- Heavy-duty machining, sawing and cutting
- Difficult steel & hardened metal operations
- Large diameter tapping
- Deep hole drilling
- High heat operations
- Sawing large diameter solids

**Part No.** | **Size**
--- | ---
LB1000 | 1 gal. jug (4/case)
LB1055 | 55 gal. drum

**LB-1100**
Premium, heavy-duty minimum quantity lubricant with non-chlorinated extreme pressure additives.

**Characteristics**
- Heavy-duty
- Vegetable-based, biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Water-washable
- Clean before heat treating with rinse water

**Applications**
- Heavy-duty machining, sawing and cutting
- Exotic and high nickel alloys
- Aerospace industry
- Large diameter tapping
- Deep hole drilling
- Carbide die stamping
- Sawing large diameter solids

**Part No.** | **Size**
--- | ---
LB1100 | 1 gal. jug (4/case)
LB1155 | 55 gal. drum

**FG-2000**
Superior, food-grade minimum quantity lubricant with non-chlorinated antiwear additives for moderate to heavy-duty near-dry machining.

**Characteristics**
- Moderate to heavy-duty
- Vegetable-based, biodegradable lubricant
- NSF H1 approved for incidental food contact
- For ferrous & nonferrous metals, aluminum and titanium
- Clean before heat treating with soap and water

**Applications**
- General machining, sawing and cutting
- Food-grade applications
- Medical device manufacturing
- Swiss style CNC machining centers
- Milling, drilling and tapping

**Part No.** | **Size**
--- | ---
FG2001 | 1 gal. jug (4/case)
FG2055 | 55 gal. drum
Power Stamp III
Superior, heavy-duty minimum quantity lubricant with non-chlorinated anti-wear and extreme pressure additives.

**CHARACTERISTICS**
- Heavy-duty
- Vegetable-based, biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Water-washable
- Clean before heat treating with rinse water

**APPLICATIONS**
- Carbide die stamping
- Drawing and fine blanking
- Stamping sheet metal up to 0.125" thick (gauge 8 and higher, depending on the type of metal)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBSTIII01</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LBSTIII55</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

Synthetic
Multi-purpose, water-based minimum quantity lubricant with non-chlorinated extreme pressure additives for moderate-duty near-dry machining.

**CHARACTERISTICS**
- Multi-purpose
- Water-based, synthetic lubricant
- Cools like flood coolant, lubricates like straight oil
- Rapid heat dissipation
- For ferrous metals
- Clean before heat treating with rinse water

**APPLICATIONS**
- General machining, sawing and cutting
- Replacement for straight oil

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBSYNT01</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LBSYNT55</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

LB-3000
Economical, moderate-duty minimum quantity lubricant.

**CHARACTERISTICS**
- Moderate-duty
- Vegetable-based, biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean before heat treating with soap and water

**APPLICATIONS**
- General machining and sawing
- Replacement for “mist” type lubricant and coolant
- Lumber & wood cutting applications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB3000</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LB3055</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

Synthetic II
Economical, water-based minimum quantity lubricant with non-chlorinated extreme pressure and boundary additives for moderate-duty near-dry stamping and machining.

**CHARACTERISTICS**
- Economical
- Water-based, synthetic lubricant
- Provides excellent corrosion protection
- Boron free with superior lubricity
- For ferrous & nonferrous metals and aluminum
- Clean before heat treating with rinse water

**APPLICATIONS**
- Stamping
- General machining, sawing and cutting

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBSY201</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LBSY255</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

NEW
Power Stamp III
Superior, heavy-duty minimum quantity lubricant with non-chlorinated anti-wear and extreme pressure additives.

**CHARACTERISTICS**
- Heavy-duty
- Vegetable-based, biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Water-washable
- Clean before heat treating with rinse water

**APPLICATIONS**
- Carbide die stamping
- Drawing and fine blanking
- Stamping sheet metal up to 0.125" thick (gauge 8 and higher, depending on the type of metal)

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<tr>
<td>LBSTIII01</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LBSTIII55</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

Synthetic
Multi-purpose, water-based minimum quantity lubricant with non-chlorinated extreme pressure additives for moderate-duty near-dry machining.

**CHARACTERISTICS**
- Multi-purpose
- Water-based, synthetic lubricant
- Cools like flood coolant, lubricates like straight oil
- Rapid heat dissipation
- For ferrous metals
- Clean before heat treating with rinse water

**APPLICATIONS**
- General machining, sawing and cutting
- Replacement for straight oil

<table>
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<tbody>
<tr>
<td>LBSYNT01</td>
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</tr>
<tr>
<td>LBSYNT55</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

LB-3000
Economical, moderate-duty minimum quantity lubricant.

**CHARACTERISTICS**
- Moderate-duty
- Vegetable-based, biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean before heat treating with soap and water

**APPLICATIONS**
- General machining and sawing
- Replacement for “mist” type lubricant and coolant
- Lumber & wood cutting applications

<table>
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<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
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<tr>
<td>LB3000</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LB3055</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

Synthetic II
Economical, water-based minimum quantity lubricant with non-chlorinated extreme pressure and boundary additives for moderate-duty near-dry stamping and machining.

**CHARACTERISTICS**
- Economical
- Water-based, synthetic lubricant
- Provides excellent corrosion protection
- Boron free with superior lubricity
- For ferrous & nonferrous metals and aluminum
- Clean before heat treating with rinse water

**APPLICATIONS**
- Stamping
- General machining, sawing and cutting

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBSY201</td>
<td>1 gal. jug (4/case)</td>
</tr>
<tr>
<td>LBSY255</td>
<td>55 gal. drum</td>
</tr>
</tbody>
</table>

Accu-Lube is manufactured by ITW ROCOL North America • A Division of Illinois Tool Works Inc.
Light-Viscosity Lubricants

Safe to use with all metals, biodegradable, ideal for thru-tool applications

**LB-6000**
Premium, moderate to heavy-duty minimum quantity lubricant.

**Characteristics**
- Moderate to heavy-duty
- Vegetable-based, biodegradable lubricant
- Non-staining, burns off cleanly in post heat treating
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**Applications**
- Aluminum machining, cutting and sawing
- Moderate-duty milling, drilling, tapping and punching
- Replacing "mist" type lubricant and coolant
- Aluminum applications with post-heat treating
- Thru-tool applications

**Part No.**  **Size**
LB6000 .......... 1 gal. jug (4/case)
LB6055 .......... 55 gal. drum

**LB-5000**
Superior, moderate-duty minimum quantity lubricant.

**Characteristics**
- Moderate-duty
- Vegetable-based, biodegradable lubricant
- Non-staining, burns off cleanly in post heat treating
- For ferrous & nonferrous metals
- Clean with soap and water

**Applications**
- General machining, sawing and cutting
- Post-heat treating aluminum

**Part No.**  **Size**
LB5000 .......... 1 gal. jug (4/case)
LB5055 .......... 55 gal. drum

**LB-6100**
Premium, heavy-duty minimum quantity lubricant with non-chlorinated extreme pressure additives.

**Characteristics**
- Heavy-duty
- Vegetable-based, biodegradable lubricant
- Non-staining, burns off cleanly in post heat treating
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**Applications**
- Moderate-duty milling, drilling, tapping, stamping and punching
- Heavy-duty machining, sawing and cutting
- Sawing large diameter solids
- Large diameter tapping
- Deep hole drilling
- Operations that generate a lot of heat
- Thru-tool applications

**Part No.**  **Size**
LB6100 .......... 1 gal. jug (4/case)
LB6155 .......... 55 gal. drum

**LB-6800**
Moderate-duty minimum quantity lubricant.

**Characteristics**
- Moderate-duty
- Vegetable-based, biodegradable lubricant
- Non-staining, burns off cleanly in post heat treating
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**Applications**
- General machining, sawing and cutting
- Sawing aluminum castings

**Part No.**  **Size**
LB6800 .......... 1 gal. jug (4/case)
LB6855 .......... 55 gal. drum
**Power Stamp II**

Superior, heavy-duty minimum quantity lubricant with non-chlorinated extreme pressure and anti-wear additives.

**CHARACTERISTICS**
- Heavy-duty
- Vegetable-based, biodegradable lubricant
- Non-staining, burns off cleanly in post heat treating
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with rinse water

**APPLICATIONS**
- Stamping
- Operations that generate a lot of heat
- Machining aluminum and titanium
- Carbide die stamping

**Part No.**  **Size**
- LBSTII01 ...... 1 gal. jug (4/case)
- LBSTII55 ...... 55 gal. drum

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**LB-7400**

Superior, high-performance minimum quantity lubricant for thru-tool near-dry machining.

**CHARACTERISTICS**
- High performance
- Biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean before heat treating with soap and water

**APPLICATIONS**
- General milling, drilling, sawing, tapping and turning
- Thru-tool applications
- Deep hole drilling
- Hard milling
- With Accu-Lube’s MiniBooster applicator or BlueBe’s EcoBooster applicator

**Part No.**  **Size**
- LB7401 ...... 1 gal. jug (4/case)
- LB7455 ...... 55 gal. drum

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**LB-4600**

Economical, light-duty minimum quantity lubricant.

**CHARACTERISTICS**
- Light-duty
- Vegetable-based, biodegradable lubricant
- Non-staining, burns off cleanly in post heat treating
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**APPLICATIONS**
- Light-duty machining, sawing and cutting
- Aluminum extrusion machining and sawing

**Part No.**  **Size**
- LB4600 ........ 1 gal. jug (4/case)
- LB4655 ........ 55 gal. drum

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**NEW**

**LIGHT-VISCOSITY LUBRICANTS**

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Minimum Quantity Lubrication (MQL) Systems

Minimum Quantity Lubrication applicators systems focus droplets of lubricant directly onto the tool’s cutting edge, providing lubrication & protection precisely where it is needed.

**Box Applicators**

The gold standard in Near-Dry Machining, featuring Accu-Lube’s patented precision pumps and a lockable steel security box.

**Special Features**
- Exclusive positive displacement pump technology deliver precisely metered amount of lubricant
- Air filter/regulator gives added control and precision
- Lockable security box with front and back door access
- Individually controlled airflow valve, lubricant control and frequency generator
- No misting! Coaxial hose assembly atomizes lubricant at the nozzle tip to prevent misting
- Custom configurations available

**Box Applicator – Automatic On/Off, Fixed**
- 110 VAC electronic solenoid on/off control
- Fixed applicator mounting
- 12” copper nozzle(s), fixed mounting
- 12’ hose assembly
- Reservoir included

**Part No.** | **Size**
---|---
01A1-STD  | 1 pump
02A1-STD  | 2 pumps
03A1-STD  | 3 pumps
04A1-STD  | 4 pumps

**Box Applicator – Manual On/Off, Fixed**
- Manual on/off control
- Fixed applicator mounting
- 12” copper nozzle(s), fixed mounting
- 12’ hose assembly
- Reservoir included

**Part No.** | **Size**
---|---
01A0-STD  | 1 pump
02A0-STD  | 2 pumps
03A0-STD  | 3 pumps
04A0-STD  | 4 pumps

**Box Applicator – Manual On/Off, Portable**
- Manual on/off control
- Magnetic applicator mounting
- 18” Loc-Line nozzle(s), magnetic mounting
- 12’ hose assembly
- 10 oz. reservoir

**Part No.** | **Size**
---|---
01A0-DMO  | 1 pump
02A0-DMO  | 2 pumps

**Junior Applicator**

The perfect solution for small production operations with the same precision pump and frequency generator as the Box Applicator.

**Special Features**
- Compact applicator with magnetic mounts for easy placement
- Precision pumps deliver precisely metered lubrication
- No misting! Coaxial hose assembly atomizes the lubricant at the nozzle tip prevents misting

**Junior Applicator – Portable Nozzles**
- Manual on/off control
- Magnetic applicator mounting
- 18” Loc-Line nozzle(s), magnetic mounting
- 12’ hose assembly
- 10 oz. reservoir

**Part No.** | **Size**
---|---
01D0-STD  | 1 pump
02D0-STD  | 2 pumps

**Junior Applicator – Fixed Nozzles**
- Manual on/off control
- Fixed applicator mounting
- 12” copper nozzle(s), fixed mounting
- 12’ hose assembly
- 10 oz. reservoir

**Part No.** | **Size**
---|---
01D0-COP  | 1 pump
02D0-COP  | 2 pumps
NEAR-DRY SAWING

Increase blade life, reduce fluid consumption, maximize sawing productivity.

Every sawing nozzle has three angled outlets to lubricate the blade’s teeth and sides. One or more internal atomizing chambers break up the lubricant for an even, consistent spray and continuous lubrication.

### Band Saw Nozzles
- Better chip removal
- Improves blade life
- Cut tubes of all sizes and solids up to 10’ wide

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-Nozzle</td>
<td>Blades 0.75-1.5’ wide</td>
<td>9692</td>
</tr>
<tr>
<td>N-Nozzle</td>
<td>Blades 0.75-1.75’ wide</td>
<td>9696</td>
</tr>
<tr>
<td>RL-Nozzle</td>
<td>Blades up to 2’ wide (needs 2 feeds)</td>
<td>9877</td>
</tr>
</tbody>
</table>

### Circular Saw Nozzles
- Unique design allows one nozzle to work like three
- Lubricates the cutting face and into the gullet
- Cleaner blades that last longer

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Nozzle</td>
<td>Blades up to 20” (angled head)</td>
<td>9878</td>
</tr>
<tr>
<td>CM-Nozzle</td>
<td>Blades 22-36” (needs 2-3 feeds)</td>
<td>379165</td>
</tr>
<tr>
<td>CL-Nozzle</td>
<td>Blades 36-120” (needs 3 feeds)</td>
<td>9045</td>
</tr>
</tbody>
</table>

### Box Systems for Band Sawing
- 110 VAC electronic solenoid on/off control
- Fixed applicator mounting
- 12’ hose assembly
- 10 oz. reservoir

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-Nozzle</td>
<td>01A1-SAW</td>
</tr>
<tr>
<td>N-Nozzle</td>
<td>01A1-NNZ</td>
</tr>
<tr>
<td>RL-Nozzle</td>
<td>02A1-RLZ</td>
</tr>
</tbody>
</table>

### Box Systems for Circular Sawing
- 110 VAC electronic solenoid on/off control
- Fixed applicator mounting
- 12’ hose assembly
- 10 oz. reservoir

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<thead>
<tr>
<th>Nozzle</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Nozzle</td>
<td>01A1-CIR</td>
</tr>
</tbody>
</table>

### Junior Systems for Band Sawing
- Manual on/off control
- Fixed applicator mounting
- 12’ hose assembly
- 10 oz. reservoir

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-Nozzle</td>
<td>01D0-SAW</td>
</tr>
<tr>
<td>N-Nozzle</td>
<td>01D0-NNZ</td>
</tr>
<tr>
<td>RL-Nozzle</td>
<td>02D0-RLZ</td>
</tr>
</tbody>
</table>

### Junior Systems for Circular Sawing
- Manual on/off control
- Fixed applicator mounting
- 12’ hose assembly
- 10 oz. reservoir

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Nozzle</td>
<td>01D0-CIR</td>
</tr>
</tbody>
</table>
#10 Perfect Tap
Natural-based cutting oil tough enough to handle repeated cuts without reapplication with a thick consistency that allows the tap to cut several holes before recoating.

**CHARACTERISTICS**
- Vegetable-based lubricant
- For ferrous & nonferrous metals, aluminum and titanium

**APPLICATIONS**
- Tapping, drilling and reaming

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>7583</td>
<td>8 oz. bottle (16/case)</td>
</tr>
<tr>
<td>7584</td>
<td>1 gal. jug</td>
</tr>
</tbody>
</table>

Pump Spray
LB-2000 vegetable-based, biodegradable lubricant in a convenient pump spray bottle for mess-free lubrication without an applicator.

**CHARACTERISTICS**
- Vegetable-based, biodegradable lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean before heat treating with rinse water

**APPLICATIONS**
- Moderate to heavy-duty operations
- Short-run and hand-held machining
- Drilling, tapping and milling
- When compressed air is not available

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>79026</td>
<td>8 oz. spray (16/case)</td>
</tr>
</tbody>
</table>

Gel Paste
Natural-based gel lubricant works on a wide variety of cutting applications. The workable texture makes it easy to apply to small and large tools with a soft brush without risk of damaging the tool.

**CHARACTERISTICS**
- Vegetable-based lubricant
- For ferrous & nonferrous metals, aluminum and titanium

**APPLICATIONS**
- Horizontal applications
- Short-run machining
- Tapping, reaming and drilling

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>79030</td>
<td>8 oz. jar (16/case)</td>
</tr>
</tbody>
</table>

LS-10
Solid paste lubricant reduces friction for cleaner cutting and better finish. Apply LS-10 directly to the tool or work area with a stiff brush.

**CHARACTERISTICS**
- Vegetable-based lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**APPLICATIONS**
- Short-run machining
- Burring, tapping and drilling

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>7603</td>
<td>8 oz. jar (16/case)</td>
</tr>
</tbody>
</table>

Stick Lubricant
Lubricating stick for rotating or stationary cutting tools, grinding wheels and belts. Reduces heat build-up in belt, disc and wheel grinding applications. Apply directly to tool or work area for instant lubrication.

**CHARACTERISTICS**
- Vegetable-based lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**APPLICATIONS**
- Short-run machining
- Rotating or stationary cutting tools
- Belt, disc and wheel grinding

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>79042</td>
<td>2.2 oz. push-up stick (24/case)</td>
</tr>
<tr>
<td>79045</td>
<td>13 oz. tube (24/case)</td>
</tr>
</tbody>
</table>

Block Lubricant
Hand-held solid lubricant reduces heat build-up in belt, disc and wheel grinding applications. Designed to be applied directly to the tool or work area for immediate lubrication.

**CHARACTERISTICS**
- Vegetable-based lubricant
- For ferrous & nonferrous metals, aluminum and titanium
- Clean with soap and water

**APPLICATIONS**
- Short-run machining
- Belt, disc and wheel grinding

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
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<tbody>
<tr>
<td>79037</td>
<td>2.6 oz. block (120/case)</td>
</tr>
</tbody>
</table>

Made with natural ingredients, environmentally-safe
## Lubricant Technical Data

<table>
<thead>
<tr>
<th>Product</th>
<th>Type of Operations</th>
<th>EP Additives</th>
<th>Rinse Water Wash</th>
<th>Soaps &amp; Water Wash</th>
<th>Pin &amp; Vee Block (lbs.)</th>
<th>Flash Point</th>
<th>Pour Point</th>
<th>Viscosity at 40°C (cSt)</th>
<th>1 gal. (4/cs)</th>
<th>55 gal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FG-2000</td>
<td>Moderate - Heavy</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>2000</td>
<td>608°F (320°C)</td>
<td>-4°F (-20°C)</td>
<td>40 FG2001 FG2055</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LB-1000</td>
<td>Extra Heavy</td>
<td>Cl</td>
<td>✓</td>
<td>✓</td>
<td>&gt; 4500</td>
<td>535°F (279°C)</td>
<td>5°F (-15°C)</td>
<td>39 LB1000 LB1055</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LB-1100</td>
<td>Heavy</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>&gt; 4500</td>
<td>593°F (312°C)</td>
<td>5°F (-15°C)</td>
<td>48 LB1100 LB1155</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LB-2000</td>
<td>Moderate - Heavy</td>
<td>Cl</td>
<td>✓</td>
<td>✓</td>
<td>1750</td>
<td>608°F (320°C)</td>
<td>-4°F (-20°C)</td>
<td>37 LB2000 LB2055</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LB-3000</td>
<td>Moderate</td>
<td></td>
<td>✓</td>
<td></td>
<td>1500</td>
<td>608°F (320°C)</td>
<td>-4°F (-20°C)</td>
<td>37 LB3000 LB3055</td>
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<tr>
<td>LB-4000</td>
<td>Light</td>
<td></td>
<td>✓</td>
<td></td>
<td>900</td>
<td>335°F (168°C)</td>
<td>40°F (4°C)</td>
<td>7.3 LB4000 LB4055</td>
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<tr>
<td>LB-5000</td>
<td>Moderate</td>
<td></td>
<td>✓</td>
<td></td>
<td>1000</td>
<td>374°F (180°C)</td>
<td>40°F (4°C)</td>
<td>18 LB5000 LB5055</td>
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<td></td>
</tr>
<tr>
<td>LB-6000</td>
<td>Moderate - Heavy</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>1250</td>
<td>418°F (214°C)</td>
<td>-40°F (-40°C)</td>
<td>9.9 LB6000 LB6100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LB-6100</td>
<td>Heavy</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>&gt; 4500</td>
<td>400°F (204°C)</td>
<td>-40°F (-40°C)</td>
<td>10.4 LB6100 LB6155</td>
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<tr>
<td>LB-6800</td>
<td>Moderate</td>
<td></td>
<td>✓</td>
<td></td>
<td>1250</td>
<td>400°F (204°C)</td>
<td>-40°F (-40°C)</td>
<td>9.9 LB6800 LB6855</td>
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<td></td>
</tr>
<tr>
<td>LB-7400</td>
<td>Moderate - Heavy</td>
<td>Cl</td>
<td>✓</td>
<td>✓</td>
<td>Not avail</td>
<td>527°F (275°C)</td>
<td>-17°F (-27°C)</td>
<td>24 LB7401 LB7455</td>
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</tr>
<tr>
<td>Power Stamp II</td>
<td>Heavy</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>&gt; 4500</td>
<td>400°F (204°C)</td>
<td>-38°F (-39°C)</td>
<td>15 LBSTII1 LBSTII55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Stamp III</td>
<td>Heavy</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>&gt; 4500</td>
<td>598°F (314°C)</td>
<td>5°F (-15°C)</td>
<td>48 LBSTIII1 LBSTIII55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Synthetic</td>
<td>Moderate</td>
<td>Non-Cl</td>
<td>✓</td>
<td>✓</td>
<td>&gt; 4500</td>
<td>Not applicable</td>
<td>35°F (2°C)</td>
<td>2 LBSY201 LBSY255</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Applicator Technical Data

<table>
<thead>
<tr>
<th>Part No.</th>
<th>MQL Applicator</th>
<th># of Pumps</th>
<th>Nozzle</th>
<th>Manual On/Off</th>
<th>Solenoid On/Off</th>
<th>Steel Security Box</th>
<th>Nozzle Mounting</th>
<th>Applicator Mounting</th>
<th>Reservoir Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>01A0-STD</em></td>
<td>Box</td>
<td>1 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>02A0-STD</em></td>
<td>Box</td>
<td>2 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>03A0-STD</em></td>
<td>Box</td>
<td>3 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>04A0-STD</em></td>
<td>Box</td>
<td>4 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>1 qt.</td>
<td></td>
</tr>
<tr>
<td><em>01A1-STD</em></td>
<td>Box</td>
<td>1 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>02A1-STD</em></td>
<td>Box</td>
<td>2 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>03A1-STD</em></td>
<td>Box</td>
<td>3 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>04A1-STD</em></td>
<td>Box</td>
<td>4 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>1 qt.</td>
<td></td>
</tr>
<tr>
<td><em>01A0-DMO</em></td>
<td>Box</td>
<td>1 Pump</td>
<td>18&quot; Loc-Line</td>
<td>✓</td>
<td>✓</td>
<td>Magnetic</td>
<td>Magnetic</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>02A0-DMO</em></td>
<td>Box</td>
<td>2 Pump</td>
<td>18&quot; Loc-Line</td>
<td>✓</td>
<td>✓</td>
<td>Magnetic</td>
<td>Magnetic</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>01D0-COP</em></td>
<td>Junior</td>
<td>1 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
<tr>
<td><em>02D0-COP</em></td>
<td>Junior</td>
<td>2 Pump</td>
<td>12&quot; Copper</td>
<td>✓</td>
<td>✓</td>
<td>Fixed</td>
<td>Fixed</td>
<td>10 oz.</td>
<td></td>
</tr>
</tbody>
</table>

## Near-Dry Sawing Systems

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Type of Sawing</th>
<th>MQL Applicator</th>
<th># of Pumps</th>
<th>Nozzle</th>
<th>Manual On/Off</th>
<th>Solenoid On/Off</th>
<th>Security Box</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>01A1-SAW</em></td>
<td>Band</td>
<td>Box</td>
<td>1 Pump</td>
<td>V-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>01A1-NNZ</em></td>
<td>Band</td>
<td>Box</td>
<td>1 Pump</td>
<td>N-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>02A1-RLZ</em></td>
<td>Band</td>
<td>Box</td>
<td>2 Pumps</td>
<td>RL-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>01A1-CIR</em></td>
<td>Circular</td>
<td>Box</td>
<td>1 Pump</td>
<td>C-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>01D0-SAW</em></td>
<td>Band</td>
<td>Junior</td>
<td>1 Pump</td>
<td>V-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>01D0-NNZ</em></td>
<td>Band</td>
<td>Junior</td>
<td>1 Pump</td>
<td>N-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>02D0-RLZ</em></td>
<td>Band</td>
<td>Junior</td>
<td>2 Pumps</td>
<td>RL-Nozzle</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><em>01D0-CIR</em></td>
<td>Circular</td>
<td>Junior</td>
<td>1 Pump</td>
<td>C-Nozzle</td>
<td>✓</td>
<td>✓</td>
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</tr>
</tbody>
</table>

## Near-Dry Sawing Nozzles

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Type of Sawing</th>
<th>Nozzle</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>9692</em></td>
<td>Band</td>
<td>V-Nozzle</td>
<td>Blades 0.75-1.5&quot; wide</td>
</tr>
<tr>
<td><em>9696</em></td>
<td>Band</td>
<td>N-Nozzle</td>
<td>Blades 0.75-1.75&quot; wide, 1.625&quot; throat</td>
</tr>
<tr>
<td><em>9877</em></td>
<td>Band</td>
<td>RL-Nozzle</td>
<td>Blades up to 2&quot; wide, requires 2 feeds</td>
</tr>
<tr>
<td><em>9878</em></td>
<td>Circular</td>
<td>C-Nozzle</td>
<td>Blades up to 20&quot;, 45° angled head</td>
</tr>
<tr>
<td><em>379165</em></td>
<td>Circular</td>
<td>CM-Nozzle</td>
<td>Blades 22-36&quot;, requires 2-3 feeds</td>
</tr>
<tr>
<td><em>9045</em></td>
<td>Circular</td>
<td>CL-Nozzle</td>
<td>Blades 36-120&quot;, requires 3 feeds</td>
</tr>
</tbody>
</table>