

NATURAL-BASED LUBRICANTS

*a Green approach
to Global solutions*

Cleaning Required Before Heat Treating

- LB-1000** Heavy-duty MQL lubricant with CL EP additives.
- LB-1100** Heavy-duty MQL lubricant with EP additives.
- LB-2000** Moderate- to heavy-duty MQL lubricant.
- LB-3000** Moderate-duty MQL lubricant.

	LB-1000	LB-1100	LB-2000	LB-3000	
Application	Heavy-Duty	Heavy-Duty	Moderate- to Heavy-Duty	Moderate-Duty	
Compatibility	All Metals*	All Metals	All Metals	All Metals	
EP Additives	Cl	Non-Cl			
Pin & Vee Block	> 4500 lbs	> 4500 lbs	1750 lbs	1500 lbs	
Flash Point	535°F (279°C)	593°F (312°C)	608°F (320°C)	608°F (320°C)	
Pour Point	5°F (-15°C)	5°F (-15°C)	-4°F (-20°C)	-4°F (-20°C)	
Viscosity (40°C)	39 cSt	48 cSt	37 cSt	37 cSt	
Part #	1 gal (4/cs)	LB1000	LB1100	LB2000	LB3000
	55 gal	LB1055	LB1155	LB2055	LB3055

Cleaning Not Required Before Heat Treating

- LB-6100** Heavy-duty MQL lubricant with EP additives.
- LB-6000** Moderate- to heavy-duty MQL lubricant.
- LB-6800** Moderate-duty MQL lubricant.
- LB-4600** Light-duty MQL lubricant.

	LB-6100	LB-6000	LB-6800	LB-4600	
Application	Heavy-Duty	Moderate- to Heavy-Duty	Moderate-Duty	Light-Duty	
Compatibility	All Metals	All Metals	All Metals	All Metals	
EP Additives	Non-Cl				
Pin & Vee Block	> 4500 lbs	1250 lbs	1250 lbs	900 lbs	
Flash Point	400°F (204°C)	418°F (214°C)	400°F (204°C)	335°F (168°C)	
Pour Point	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	40°F (4°C)	
Viscosity (40°C)	10.4 cSt	8.9 cSt	9 cSt	7.25 cSt	
Part #	1 gal (4/cs)	LB6100	LB6000	LB6800	LB4600
	55 gal	LB6155	LB6055	LB6855	LB4655

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Accu-Lube®

NEAR-DRY SAWING

- Eliminate Flood Coolant
- Environmentally-Safe
- Longer Blade Life
- Save Money
- Clean Parts
- Dry Chips
- Non-Toxic



NEAR-DRY SAWING NOZZLES & PACKAGES

Circular and Band Sawing

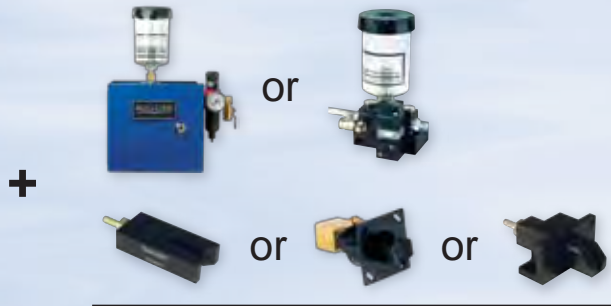
are common applications of Accu-Lube's Minimum Quantity Lubrication (MQL) Systems due in part to the specialty sawing nozzles that have been developed to meet the specific needs of sawing operations.

All Accu-Lube sawing nozzles are designed with internal atomizing chambers that break up the lubricant to form an even, constant spray and ensure continuous lubrication.

Specialty Sawing Packages

Accu-Lube offers a number of Near-Dry Sawing Packages to choose from. Junior Applicator packages are great for straightforward sawing applications while Box Applicator packages offer more automation and control.

Specialty Sawing Packages are available with the N-Nozzle, V-Nozzle, or C-Nozzle; and all packages feature Accu-Lube's patented positive displacement pump technology.



= Custom Lubrication

See table to the right for more information.

Precision MQL Applicators

Box Applicator



Junior Applicator



Band Sawing Nozzles

- ✓ Better chip removal
- ✓ Cleaner blades that last longer
- ✓ Cut tubes of all sizes and solids up to 10" wide

N-Nozzle



V-Nozzle



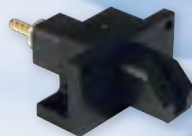
RL-Nozzle



Circular Sawing Nozzles

- ✓ Unique design allows 1 nozzle to work like 3
- ✓ Lubricates the cutting face and into the gullet
- ✓ Three different size nozzles ensure a perfect fit

C-Nozzle



CR-Nozzle



CL-Nozzle



Near-Dry Sawing Packages

TYPE OF SAWING	NOZZLE	APPLICATOR*	MANUAL ON/OFF	SOLENOID ON/OFF	PART #
Band	N-Nozzle	Junior Applicator	✓		01D0-NNZ
Band	N-Nozzle	Box Applicator		✓	01A1-NNZ
Band	V-Nozzle	Junior Applicator	✓		01D0-SAW
Band	V-Nozzle	Box Applicator		✓	01A1-SAW
Circular	C-Nozzle	Junior Applicator	✓		01D0-CIR
Circular	C-Nozzle	Box Applicator		✓	01A1-CIR

* all applicators come with 12 ft hose(s) and a 10 oz reservoir

Near-Dry Sawing Nozzles

TYPE OF SAWING	NOZZLE	SPECIFICATIONS	PART #
Band	N-Nozzle	Fits blades 3/4-1 3/4" (1.9-4.4 cm) wide, 1 5/8" (4.1 cm) throat	9696
Band	V-Nozzle	Fits blades 3/4-1 1/2" (1.9-3.8 cm) wide	9692
Band	RL-Nozzle	Fits blades up to 2" (5.4 cm) wide, requires 2 feeds	9877
Circular	C-Nozzle	Fits blades up to 20" (51 cm) in diameter, 45° angled head	9878
Circular	CM-Nozzle	Fits blades 22-36" (56-91 cm) in diameter, requires 2-3 feeds	379165
Circular	CL-Nozzle	Fits blades 36-120" (91-305 cm) in diameter, requires 3 feeds	9045