

Performance Biolubes from Acculube

Acculube is the Regional Distributor of Castrol Performance Biolubes for Milling, Cutting, Grinding and Forming

“We supply quality products that meet your goals for performance, cost and sustainability.”



Performance Biolubes

Performance Biolubes are formulated from Canola oils. They are the ultimate in high performance, sustainable fluids for multi-metal machining operations.

Performance Biolubes are biodegradable and friendly to the environment. In the shop, they minimize smoke and dermatitis issues, are pleasant smelling, and low-misting. They are also easy to clean up, and non-staining – the perfect products for shops with high feed rates and a requirement for high quality surface finishes.

Neat Cutting and Grinding Oils

- **NuCut Super Lite** – For machining small parts and gundrilling
Viscosity @ 40° C – 6.8 cSt **Flash Point** - 330° F
- **NuCut Ultra Lite** – For a variety of high-pressure applications
Viscosity @ 40° C – 16.0 cSt **Flash Point** - 345° F
- **NuCut Lite** – For a variety of high-pressure applications
Viscosity @ 40° C – 24.8 cSt **Flash Point** - 420° F
- **NuCut Plus** – For general purpose cutting and grinding. Multi-purpose cutting and machine lubricant.
Viscosity @ 40° C – 45.0 cSt **Flash Point** - 540° F
- **NuCut Grind** – For high-pressure grinding operations
Viscosity @ 40° C – 16.0 cSt **Flash Point** - 446° F

Specialty Oils

- **Bio MQL Cutting Oil** – Formulated to excel in high production rate conditions.
Viscosity @ 40° C – 40.0 cSt **Flash Point** - 590° F
- **ThreadZ Threading and Tapping Fluid** – Excellent performance on iron, steel and ferrous alloys – compatible with yellow metals.
Viscosity @ 40° C – 98.0 cSt **Flash Point** - 421° F

Maintenance Oils

- **BioWay 68 Slide Lubricant** – Recommended for ways and other sliding surfaces of machine tools, such as grinders, milling machines, planners and saw guides.
- **BioHydraulic** – For use in all alloy hydraulic systems requiring ISO 32 or 46 oils. Not formulated for cold temperatures use.

Forming Fluids

- **BioForm R40** – 40 cSt forming oil for use on virtually all types of metals and a variety of forming applications. Highly effective on virtually all metals.
- **BioForm C60** – 60 cSt forming oil for use on virtually all types of metals and a variety of forming applications. Highly effective on virtually all metals.
- **BioForm Heavy Draw** – 180 cSt forming oil recommended for stamping, drawing, forming, blanking and spinning. For use on most types of metals.

We Provide Tomorrow's
Metalworking Solutions . . . Today!

acculube

A LEADING DISTRIBUTOR OF
LUBRICANTS AND MANUFACTURING FLUIDS

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Acculube's Sustainability Promise



Acculube, a national leader in the distribution of brand name lubricants and manufacturing fluids, is committed to policies and procedures that benefit its region, the environment, and its many valued customers throughout the Midwest – and beyond.



Performance Biolubes Customer Successes

Product: NuCut Plus

Parts produced: Fasteners and anchors

Metals Machined: Stainless steel, steel aluminum

Operations: Cold heading, screw machining, block threading, Hydromat machining

Results:

- 400% improvement in tool life
- Screw machining block life up 400%
- Plant was able to use one oil throughout the facility.
- High operator acceptance, no smoke

Product: NuCut Lite

Parts Produced: Valves for diesel motors

Metals Machined: Inconel, stainless steel

Operations: Grinding and cutting

Results:

- Excellent grinding wheel life
- No smoke in grinding operations

Product: NuCut Ultra Lite, NuCut Plus

Parts Produced: Welding tip components

Metals Machined: Copper and brass

Operations: Turning, shaping, drilling, cut-off, tapping, threading

Results:

- Excellent tool life, no varnish
- No smoke, no misting

Product: NuCut Lite

Task: Tool sharpening

Metals Machined: Tool steel, carbide

Operation: Grinding

Results:

- 300% increase in tool life,
- High operator acceptance, no smoke

Product: ThreadZ

Parts Produced: Pipes

Metals Machined: Galvanized steel, stainless steel, aluminum

Operation: Pipe threading using D2 steel threading blocks

Results:

High operator acceptance, no smoke, clean work environment

Product: NuCut Lite

Parts Produced: Small precision firearms components: pins, screws, bolts

Metals Machined: 8620, 4130, 4340, 400 stainless steel

Operations: Turning, shaping, threading, cut-off, milling and drilling

Results:

- 10-50% increase in tool life
- No varnish

Product: NuCut Lite, NuCut Plus

Parts Produced: Fasteners

Metals Machined: Stainless steel, steel, aluminum, brass and copper

Operations: Drilling, threading, grinding, cutting

Results:

- Improved tool life
- One product for gear oil and cutting
- High operator acceptance, no smoke, low mist



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