

Accu-Lube®

APPLICATION CASE STUDY

COMPANY DETAILS – Structures Unlimited Inc.

Structures Unlimited Inc., located in New Hampshire, is the only single-source manufacturer providing total responsibility from design through installation of structural skylights, skyroofs, pool enclosures and specialty wastewater treatment structures.



Structures Unlimited, Inc.
Energy-Efficient Skylights & Pool Enclosures



Accu-Lube PRODUCTS IN USE

Accu-Lube Lubricants LB-6800
Accu-Lube Equipment for Near Dry Machining

CUSTOMER NEEDS IDENTIFIED

Kevin Foss, plant manager, was introduced to Accu-Lube® equipment and the Accu-Lube® LB-6800 lubricant in 1999. He explains : "We were previously using a wet flood system on our band saws that proved extremely inefficient in our application. We were attracted to the Accu-Lube® system because it was a near dry lubricating system. The first trial was done on a band saw with the Accu-Lube® LB-6800, a lubricant specifically designed for processing aluminium. All tests came back very positive with no failures. The greatest challenge that the operators experienced was to realize that Accu-Lube was a near-dry lubricating system. Being accustomed to a wet system, they were a little nervous because they could not see the mist. But with Accu-Lube® more is not better. The operators had to get used to the fact that it does not need to be dripping wet to be effective."



ACCEPTED BENEFITS

- **Cost Savings** – Less fluid usage
- **Housekeeping Improvements** – Eliminates flood coolant
- **Increase Tool Life** – Better Lubricity
- **Environmentally safe, non-toxic and biodegradable**
- **Easy Installation – No Maintenance**



VALUE TO CUSTOMER

Tool life was extended especially for drill bits, end mills, and saw blades. Structures Unlimited Inc. realizes a 50% increase in blade life for the saw blades, and a 25% increase in tool life for drill bits. Also, with their old system, many times the coolant became airborne, creating a health risk to the operators. Now with Accu-Lube® there is no over spray in the air, which is much healthier.

Area: North America – New Hampshire

Date: Jan 00 - Ongoing

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