Micro Lubrication Solutions

Out Fox The Competition
by Saving Cost and Improving Safety with Microlubrication.

The process of using minute quantities (drops) of lubricant as opposed to flood lubricant to machine or form metal is now available to you. Microlubrication is a relatively new technology that has been used successfully to substitute costly Oil Re-circulation and non environmentally-sound Mist Systems. It has provided excellent results both in terms of performance and total system cost.

Metalloid has taken the ‘microlubrication’ concept one step further with the VIP4Air that can achieve ultra-low volume oil discharge and at the same time provide electronic monitoring (using a custom designed differential flow sensor integrated into the unit). This allows true microlubrication by applying micro-amounts of lubricants at more frequent intervals whilst giving positive feedback that oil is correctly being injected and mixed into the air stream. Our System contains all components necessary to achieve and monitor optimum minimal Air/Oil Lubrication.

MicroLubrication Benefits
- Environmentally Safe
- Reduces Waste
- Non-Hazardous Materials
- No Additive Additions (Biocide)
- Cleaner Work Environment
- No Mixing
- Waste Consumed in Process
- Uses Non-Hazardous Materials
- Almost no Maintenance
- Excellent Tool Life
- Cleaner, Safer Work Conditions
- Non-Corrosive & Non-Staining
- Ultimate Lubricity – Pure
- Unlimited Shelf-Life
- Dry Chips
- No Post Cleaning

Applications
- Circular Sawing
- Band Sawing
- Drilling / Tapping
- Milling
- Broaching
- Reaming
- Grinding
- Tread Rolling
- Punching
- Roll Forming
- Abrasive Belt
- Bending
- Chain Lubrication
- and many more...

No one understands micro lubrication better than Metalloid, so no one else can bring you advanced technology that works on the issues that matter to you. Get the whole story by calling Metalloid at 800.686.3201.

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