

Bio ME-0430

ENVIRONMENTALLY SAFE, WATER BASED DRAWING AND FORMING LUBRICANT

Bio ME-0430 is a proprietary stamping formulation of designer ingredients that are aimed at effectively replacing chlorinated paraffin and sulfur in drawing & forming without environmental risk.

FEATURES & BENEFITS

Unique characteristics of Bio ME-0430 make this a superior drawing & forming lubricant for most industrial applications. These characteristics include:

- Superior Lubrication: Significant savings through extended tool & die life
- Rust Inhibition: Superior performance in ASTM D1748 humidity cabinet
- Superior Wettability: Less fluid makes higher quality parts
- Film Retention: Better coating of the work surface
- Multi-Metal Protection: Unique protection for galvanized and other metals
- Health Benefits: Avoids dermatitis & other health issues
- Versatile: Effective in wide range of forming applications
- Water Based / Oil Free:
 - Safe & easy machine clean up
 - Cleaner parts improve downstream performance
 - No chlorinated paraffin or sulfur
 - Safer for your employees
 - Cleaner working environment
 - Eliminates oil mist

SAFE FOR EMPLOYEES & ENVIRONMENT

Bio ME-0430 is a water-based / oil free, environmentally-friendly and worker-friendly drawing and forming lubricant. (See: Safety Data Sheet)

ECONOMICAL

Bio ME-0430 significantly reduces tooling & die wear, reduces scrap, & increases productivity.

RECOMMENDED USAGE GUIDELINES		
Application	Minimum Ratio WATER / COOLANT	Maximum Ratio WATER / COOLANT
Standard Stamping	12:1	8:1
Deep Draws/Forming	10:1	3:1
Piercing/Slitting	15:1	10:1

TECHNICAL INFORMATION

- Color – Clear amber
- PH - 8.5 – 9.5
- Boron Free
- Chlorine Free
- Nitrate Free
- Solvent Free
- Oil Free

VARIABLES THAT INFLUENCE RATIO

1. Type of metal, grade and gauge
2. Type of tooling
3. System cleanliness
4. Lubricant application system
5. Depth of draw
6. Product radius

COOLANT MANAGEMENT

1. Clean system prior initial coolant charge (Cleaning procedure available)
 - Drain, disinfect and clean with alkaline cleaner
 - Add Bio ME-0430 per recommended ratio
2. Water quality will impact results
 - Soft water will cause excessive foaming
 - Hard water may cause rust and/or separation issues
 - Assistance available at Biosolutions llc.

Call us to put Bio ME-0430 to work on your equipment.

biosolutions

Sustainable, Versatile, Economical

1800 Industrial Park Dr, Grand Haven, MI 49417

P 616-846-1210 | F 616-846-1254

biosolutionsllc.com