

# ADVANCE 5430 Heavy-Duty Synthetic Metalforming Lubricant



## Product Description

**ADVANCE 5430** is a heavy-duty biodegradable metalforming lubricant for severe operations. **ADVANCE 5430** was specifically engineered to replace oil based lubricants in the toughest draws on the hardest metals. **ADVANCE 5430** is a unique, no oil, renewable resource formulation that will provide the operator with benefits that are unattainable with traditional oil based lubricants. This state-of-the-art chemistry affords the ultimate in lubricity, personnel safety, and environmental compatibility. **ADVANCE 5430** provides the benefits of a chlorinated lubricant **without** the use of chlorinated paraffin. **ADVANCE 5430** is the ideal choice for heavy-duty stamping, blanking and deep drawing operations on all metals including the hardest alloys.

## Benefits

- ✓ Outstanding corrosion protection
- ✓ Anti-wear EP package
- ✓ Biostable for recirculating systems
- ✓ Cleans off easily
- ✓ Excellent die life and anti-wear properties
- ✓ Reduces post finishing costs
- ✓ Cleaner/safer press room environment
- ✓ Non-Staining safe on all metals
- ✓ USDA CERTIFIED 79% BIOBASED
- ✓ Contains no hazardous materials
- ✓ Cost-effective - low end use cost
- ✓ Eliminates smoke and oil residues

## Applications

- ✓ Progressive and Compound die stamping
- ✓ Heavy gauge stamping
- ✓ Single hit deep drawing
- ✓ Stainless steel deep drawing
- ✓ Heavy gauge blanking
- ✓ Extruding
- ✓ End-forming
- ✓ Punching/Piercing
- ✓ Notching
- ✓ Wiredrawing



## Directions for Use

**ADVANCE 5430** can be used as received or diluted with water depending on the severity of the operation. The diluted solution can be applied by spray, roller, drip or immersion methods. The appropriate ration with depend on the type of metal formed, thickness of the metal, operation and application method.

## Properties

Appearance	Amber, viscous liquid	Water Solubility	Complete
Odor	Bland	pH (20%)	8.5 – 9.0
Specific Gravity	1.05 – 1.10	Viscosity	1500 S.U.S. @ 100°F

**Packaging** **ADVANCE 5430** is available in 5 gallon pails, 55 gallon drums and 330 gallon totes.

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