

ADVANCE 6120

Ultra Heavy-Duty Synthetic Metalforming Lubricant



Product Description

ADVANCE 6120 is an *ultra* heavy-duty biodegradable metalforming lubricant for severe of operations. **ADVANCE 6120** was specifically engineered to replace oil-based lubricants in the toughest draws on the hardest metals. **ADVANCE 6120** 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, personal safety and environmental compatibility. **ADVANCE 6120** provides the benefits of a chlorinated lubricant without the use of chlorinated paraffin. **ADVANCE 6120** is the ideal choice for heavy-duty stamping, blanking and deep drawing operations on all metals including the hardest alloys.

Benefits

- ✓ Outstanding corrosion protection
- ✓ Cleaner/safer press room environment
- ✓ Anti-wear EP package reduces part breakage, galling, tearing and wrinkling.
- ✓ Non-Staining safe on yellow metals
- ✓ Cleans off easily
- ✓ Contains no hazardous materials
- ✓ Excellent die life and anti-wear properties
- ✓ Biodegradable, operator friendly
- ✓ Multi-metal compatible
- ✓ Reduces post finishing costs
- ✓ Eliminates smoke and oil residues
- ✓ Cost-effective - low end use costs

Applications

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



Directions for Use

ADVANCE 6120 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		

Packaging **ADVANCE 6120** is available in 5 gallon pails, 55 gallon drums and 330 gallon totes.

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