

ADVANCE 6124 Heavy-Duty Synthetic Metalforming Lubricant



Product Description

ADVANCE 6124 is a heavy-duty biodegradable metalforming lubricant for the most severe of operations. **ADVANCE 6124** was specifically engineered to replace oil based lubricants in the toughest draws on the hardest metals. **ADVANCE 6124** 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 6124** provides the benefits of a chlorinated lubricant without the use of chlorinated paraffin. **ADVANCE 6124** 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 reduces part breakage, galling, tearing and wrinkling.
- ✓ Cleans off easily
- ✓ Excellent die life and anti-wear properties
- ✓ Multi-metal compatible
- ✓ Eliminates smoke and oil residues
- ✓ Cleaner/safer press room environment
- ✓ Non-Staining safe on yellow metals
- ✓ Contains no hazardous materials
- ✓ Biodegradable, operator friendly
- ✓ Reduces post finishing costs
- ✓ Cost-effective - low end use costs

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
- ✓ Spinning

Directions for Use

ADVANCE 6124 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 – 1.08		

Packaging **ADVANCE 6124** is available in 5 gallon pails, 55 gallon drums and 330 gallon totes.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for loss, damage, or expense, direct or consequential, arising out of their use.

No one understands botanical technologies 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**.



Michigan Facility
1160 White Street
Sturgis, MI 49091
telephone 269.503.7300
facsimile 269.503.7795
www.metalloidcorp.com/botanical

Texas Facility
1720 N. Quevado St.
Jacksonville, TX 75766
telephone 903.589.3933
facsimile 903.589.3924

