

# ADVANCE 5270

## Ultra Heavy-Duty Botanical Metalforming Lubricant



### Product Description

**ADVANCE 5270** is a multifunctional “Green” metalforming lubricant made from 100% natural and biodegradable components. **ADVANCE 5270** was developed with a focus on personnel and environmental safety. **ADVANCE 5270** is an alternative to conventional petroleum based lubricants that may be difficult to work with or have undesirable properties. **ADVANCE 5270** was formulated to perform a wide range of metalforming applications and is available in several viscosities for your specific application. Metalloid uses only renewable resources in the **ADVANCE** line with a focus on making a global difference.

### Benefits

- ✓ Excellent corrosion protection
- ✓ High temperature stability
- ✓ Cleans off easily
- ✓ Excellent die life and anti-wear properties
- ✓ Multi-metal compatible
- ✓ Eliminates smoke and oil residues
- ✓ Versatile—available in multiple viscosities
- ✓ Non-drying residue - does not gum up
- ✓ Outstanding metal wetting properties
- ✓ Cleaner/safer plant environment
- ✓ Non-Staining safe on yellow metals
- ✓ Contains no hazardous materials
- ✓ Biodegradable, operator friendly
- ✓ Reduces post finishing costs
- ✓ Cost-effective - low end use cost
- ✓ Outstanding hydrodynamic and boundary lubrication
- ✓ Heat-treatable - ashless

### Applications

- ✓ Aluminum & Copper tube drawing
- ✓ Aluminum tube end-forming
- ✓ Forming/Stamping/Blanking
- ✓ Deep drawing
- ✓ Bending
- ✓ Punching/Piercing/Notching
- ✓ Extruding
- ✓ Coining
- ✓ Non-Ferrous Cold Heading
- ✓ Non-Ferrous Forging
- ✓ Aluminum Rod and Wire Drawing
- ✓ Spinning

**Directions for Use:** **ADVANCE 5270** is typically used as received. In certain applications the viscosity can be reduced with mineral spirits. The lubricant can be applied by flood, spray, roller, drip or immersion methods.

### Properties

<b>Appearance</b>	<b>Light, amber clear liquid</b>	<b>Water Solubility</b>	<b>Nil</b>
<b>Odor</b>	<b>Bland</b>	<b>Biodegradable</b>	<b>Yes</b>
<b>Specific Gravity</b>	<b>0.9110</b>	<b>Renewable Resource</b>	<b>Yes</b>
<b>Acid Value</b>	<b>4.6</b>	<b>Heat Treatable</b>	<b>Yes</b>
<b>*Viscosity: 5270-LV</b>	<b>5,775 S.U.S. @100°F</b> <b>1250 Cst</b>	<b>*Available in viscosities from 500 S.U.S. to 20,000 S.U.S. @100°F depending on metalforming application</b>	
<b>*Viscosity: 5270-HV</b>	<b>6,883 S.U.S. @100°F</b> <b>1480 Cst.</b>		

**Packaging:** **ADVANCE 5270** is available in 5 gallon pails, 55 gallon drums and 330 gallon totes.

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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**.



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