

## ADVANCE 6580

### Heavy-Duty Aluminum Forming Lubricant

#### Product Description

**ADVANCE 6580** is designed specifically for metalworking and metal forming of aluminum. It provides high level lubricity performance; which can offset the use of conventional chlorinated additives. This product will enhance performance in aluminum metalworking applications which utilize a water soluble design. It does not contain petroleum oil, chlorine or sulfur. It is non-toxic and environmentally compatible. **ADVANCE 6580** is water-white and water-thin. It is particularly recommended for thin-gauge aluminum jobs where an invisible residue and viewing of the work piece is preferred.

#### Usage Recommendation

**ADVANCE 6580** is 100% water soluble. Use at levels up to 5% (20 to 1) for most non-ferrous metal removal and drawing/ stamping operations.

Always test by:

- 1) Wipe die with a clean shop rag
- 2) Coat die and blank with **ADVANCE 6580**
- 3) Maintain continuous coverage during run via manual, roller-coat or airless spray

#### Technical Data

|                  |   |
|------------------|---|
| Appearance       | Bright & Clear Colorless                  |
| Water Solubility | 100%                                      |
| Specific Gravity | 1.01 (Typical)                            |
| Density          | 8.37 lbs. /gal. (Typical)                 |
| Flash Point      | None                                      |
| pH @ 1:10        | 8.5 (Typical)                             |
| Freeze/ Thaw     | Reconstitutes at Room Temperature         |
| Label Cautions   | Do <u>NOT</u> Use with Nitrosating Agents |



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