

ADVANCE 2100-AL3 Synthetic Metal-Forming Lubricant for Aluminum



Product Description

ADVANCE 2100-AL3 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 2100-AL3 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 2100-AL3 is 100% water soluble. Use at levels up to 10% (10 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 2100-AL3
- 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	8.9 (Typical)
Freeze/ Thaw	Reconstitutes at Room Temperature
Label Cautions	Do <u>NOT</u> Use with Nitrosating Agents

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