



TECHNICAL DATA SHEET

A-9[®] ALUMINUM-CUTTING FLUID**Description:**

Relton's **A-9 Aluminum-Cutting Fluid** is a non-staining oil, formulated for a wide range of applications on non-ferrous metals such as aluminum, magnesium, copper, brass, and bronze. **A-9** is a combination of mineral oil and selected natural esters which are particularly suitable for machining non-ferrous metals where staining from sulfur-containing oils is objectionable.

Typical Uses:

- Most machining operations on non-ferrous metals such as aluminum, brass, bronze, copper, and magnesium
- Light-duty drawing for both ferrous and non-ferrous metals

Typical Inspections:

API Gravity, @ 60° F:	24.9
Specific Gravity, g/cc, 60° F:	0.905
Pounds per gallon:	7.534
Viscosity @ 40° C, cst:	22.3
Flash Point, COC, ° F:	360
Pour Point, ° C:	-20
VOC:	nil
Active Sulfur, %:	none
Chlorine, %:	none
Copper Corrosion:	nil
Color/form:	light-green/liquid

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Features:

- Anti-mist agent reduces oil mist in workplace.
- A-9 does not stain non-ferrous brass and bronze components.
- A-9 minimizes tool wear, reduces cutting temperature, and produces excellent surface finishes with moderate cutting speeds and depths.

A-9

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