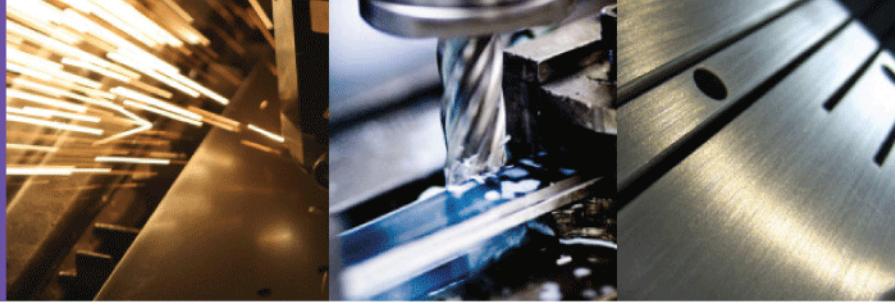


METCHEM 6140 Heavy-Duty Synthetic Coolant For Aluminum Alloys



Product Line

Metalloid Corporation manufactures a complete line of industrial metal working fluids and cleaners. Metalloid's product line includes but is not limited to Machining and Grinding Coolants, Stamping and Forming Fluids, EDM Fluids, Corrosion Inhibitors, Swiss Cutting Oils and Aqueous Cleaners.

Product Description

METCHEM 6140 is a heavy-duty synthetic coolant chemically engineered to machine and grind aluminum alloys. **METCHEM 6140** is excellent for aerospace metals, abrasive aluminum castings, and cast irons. **METCHEM 6140** provides all the benefits of a synthetic coolant with the lubricity of a semi-synthetic in *one product*. **METCHEM 6140** is ideal for central systems, individual machine tools and/or manufacturing cells. The small particle size enhances cleanliness and sump-life while retarding biological degradation.

Benefits

- ✓ Hard water stable
- ✓ Excellent corrosion protection
- ✓ Excellent tool life and part finish
- ✓ Exceedingly clean running
- ✓ Non-staining on soft metals
- ✓ Reduced disposal costs
- ✓ Exceptional lubrication without oil
- ✓ Outstanding wetting/coating properties
- ✓ Foam resistant in high pressure operations
- ✓ Exceptional sump life and microbial resistance
- ✓ Reduced coolant "drag-out"
- ✓ Increased biodegradability – *No Oil!*

Applications

- ✓ Central Systems
- ✓ Milling/Drilling
- ✓ Threading
- ✓ Machining Centers
- ✓ CNC Machining
- ✓ Sawing/Cut-Off
- ✓ Boring/Reaming/Tapping
- ✓ Manufacturing Cells

Directions For Use

METCHEM 6140 is diluted in water between 5% and 12% depending on severity of operation. The machine sump should always be cleaned with METALLOID METKLEEN cleaner and rinsed prior to adding fresh coolant. **The use of a refractometer and good coolant management techniques are recommended.**

Packaging

METCHEM 6140 is available in 5 gallon pails, 55 gallon drums, 330 gallon totes and bulk.

The Metalloid Partnership Advantage



<u>Properties</u>	
Appearance	Translucent, amber liquid
Odor	Characteristic
Water Solubility	Complete at all proportions
pH (5%)	9.3

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No one understands metalworking fluids 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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