



BACK

No Formaldehyde-Releasing Biocides



# Proven Green Technology

Chemetall offers Tech Cool® metalworking fluids that provide high performance without the use of formaldehyde-releasing triazine-type biocides. The U.S. Department of Health and Human Services' National Toxicology Program (NTP) has classified formaldehyde as a known human carcinogen. Triazine, a commonly used bactericide in metalworking fluids, releases formaldehyde into machining fluid sumps and systems.

### ***Advantages of Chemetall Tech Cool® Semi-Synthetic Metalworking Fluids:***

- Bactericide free
- DCHA free
- Enhanced lubricity
- Increased corrosion control
- Exceptional emulsion stability
- High detergency
- Low foaming
- Tramp oil rejection
- Longer, odor-free sump life
- Drier chips
- Recyclable for reduced consumption

# Chemetall is proud to offer the following Semi-Synthetic Fluids free of Formaldehyde-Releasing Biocide:

## Tech Cool® 35048

- Premium high oil semi-synthetic coolant
- Effective on most metal removal operations
- Specially formulated for high speed, high pressure applications on:
  - Aluminum
  - Ferrous metals
  - Non ferrous metals

## Tech Cool® 35052

- Premium EP-modified high oil semi-synthetic coolant
- Provides exceptional machining performance on the most challenging aerospace substrates and operations, including:
  - Titanium
  - High nickel alloys
  - Aluminum
  - Steel
  - Alloy steels

## Tech Cool® 35052M

- Premium EP-modified high oil semi-synthetic coolant
- Specially formulated to prevent corrosion on multi-metal systems
- Ideal for use on:
  - Aluminum
  - Titanium
  - Inconel
  - Other difficult to machine alloys

## Tech Cool® 35200

- Premium oil semi-synthetic coolant
- Excellent staining protection
- Effective on general machining applications for multi-metal systems
- Excellent performance on:
  - Cast iron substrates
  - Steel
  - Non ferrous metals

Products	Application	EP Properties	Concentration	pH	Metals
Tech Cool 35048	Medium to Heavy duty	Non-chlorinated	5–12%	8.6–9.8	<ul style="list-style-type: none"> <li>■ Aluminum</li> <li>■ Ferrous</li> <li>■ Non Ferrous</li> </ul>
Tech Cool 35052	Medium to Heavy duty	Chlorinated	5–12%	9.0–9.8	<ul style="list-style-type: none"> <li>■ Alloy Steels</li> <li>■ Aluminum</li> <li>■ High Nickel Alloys</li> <li>■ Titanium</li> </ul>
Tech Cool 35052M	Medium to Heavy duty	Chlorinated	5–12%	9.0–9.8	<ul style="list-style-type: none"> <li>■ Alloy Steels</li> <li>■ Aluminum</li> <li>■ Titanium</li> </ul>
Tech Cool 35200	Light to Medium Duty	Non-Chlorinated	5–12%	9.0–9.8	<ul style="list-style-type: none"> <li>■ Cast Iron</li> <li>■ Steel</li> <li>■ Copper and Brass</li> </ul>

## Chemetall is proud to serve the Americas from the following locations:

### Corporate Headquarters and Eastern Branch

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