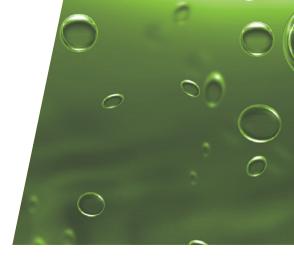
# No Formaldehyde-Releasing Biocides

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.



# Proven **GREEN** Technology



# 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® 35200

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

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

# Tech Cool® 35052CF

- Premium chlorine free high oil semisynthetic coolant
- Exceptional lubricity for the most challenging operations and substrates, without the use of EP
- Ideal for use on all substrates, including exotic alloys

Products	Application	EP Properties	Concentration	рН	Metals
Tech Cool® 35200	Light to Medium Duty	Non-Chlorinated	5–12%	8.7–9.3	<ul><li>Cast Iron</li><li>Steel</li><li>Copper and Brass</li></ul>
Tech Cool® 35048	Medium to Heavy duty	Non-Chlorinated	5–12%	8.7–9.3	<ul><li>Aluminum</li><li>Ferrous</li><li>Non Ferrous</li></ul>
Tech Cool® 35052	Medium to Heavy duty	Chlorinated	5–12%	8.7–9.3	<ul><li>Alloy Steels</li><li>Aluminum</li><li>High Nickel Alloys</li><li>Titanium</li></ul>
Tech Cool® 35052CF	Medium to Heavy duty	Non-Chlorinated	5–12%	8.7–9.3	<ul><li>Alloy Steels</li><li>Aluminum</li><li>High Nickel Alloys</li><li>Titanium</li></ul>

# Chemetall is proud to serve North America from the following locations:

#### North American Headquarters

675 Central Avenue New Providence, NJ 07974 908-464-6900 Toll-free: 800-526-4473 Fax: 908-464-7914

#### **Chemetall Canada** 115 East Drive

Bramalea, Ontario L6T 1B7 905-791-1628 Toll-free: 877-311-1471 Fax: 905-791-1459

### Chemetall Mexicana,

S.A. de C.V.
Avenida El Tepeyac
No. 1420-B
Parque Industrial
O'Donnell-Aeropuerto
El Marqués, Querétaro,
CP 76250 México
52-442-227-2000
52-442-227-2001
Fax: 52-442-227-2002

### Chemetall U.S.

1100 Technology Drive Jackson, MI 49201 517-787-4846 Toll-free: 877-941-3800 Fax: 517-787-5538

#### Chemetall U.S.

46716 Lakeview Blvd. Fremont, CA 94538 408-387-5340

