

Bio 9001

ENVIRONMENTALLY SAFE, WATER BASED METALWORKING FLUID FOR ROLL FORMING

Bio 9001 is a proprietary chemical formulation designed to be a complete roll form solution without risk to the environment or personnel. With proper maintenance, Bio 9001 provides long term trouble-free performance with circulated coolant systems.

FEATURES & BENEFITS

Unique characteristics of Bio 9001 make this a superior metalworking fluid for roll forming applications. These characteristics include:

- **Superior Lubrication:** Extended tool life for added cost savings
- **Rust Inhibition:** Superior performance in ASTM D1748 humidity cabinet
- **Superior Sump Life:** Proven to increase sump life up to 600%
- **Tramp Oil Rejection:** Allows for easy removal by skimming
- **Multi-Metal Protection:** Unique protection for galvanized and other metals
- **Low Carry Off:** Cleaner parts and less coolant depleted
- **Virtually Eliminates Foaming:** Eliminates excessive maintenance
- **Bacteria & Fungus Resistant:** Avoids dermatitis, other health issues, and foul odors
- **Water Based / Oil Free:**
 - Safe & easy machine clean up
 - No chlorinated paraffin or sulfur
 - Safer for your employees
 - Cleaner working environment
 - Eliminates oil mist

SAFE FOR EMPLOYEES & ENVIRONMENT

Bio 9001 is a water-based / oil free, environmentally-friendly and worker-friendly coolant. (See: Safety Data Sheet)

ECONOMICAL

Bio 9001 significantly reduces tooling wear which extends tooling life, increases productivity, and reduces scrap.

RECOMMENDED USAGE GUIDELINES		
Application	Minimum Ratio WATER / COOLANT	Maximum Ratio WATER / COOLANT
Roll Forming	10:1	6:1

TECHNICAL INFORMATION

- Color – Clear amber
- PH - 8.4 – 9.6
- Odor – Mild
- Boron Free
- Nitrate Free
- Oil Free

VARIABLES THAT INFLUENCE RATIO

1. Type of metal, grade and gauge
2. Processing demands
3. System cleanliness

COOLANT MANAGEMENT

1. Clean system prior initial coolant charge (cleaning procedure available upon request)
 - Drain, disinfect and clean with alkaline cleaner
 - Add Bio 9001 per recommended ratio
2. Water quality may impact performance
3. Maintain system cleanliness
 - Excessive dirt and oil will impact sump life
 - Excessive oil should be skimmed out (Filters & Skimmers available upon request)
 - Coolant management services available

Call us to put Bio 9001 to work on your equipment.

biosolutions

Sustainable, Versatile, Economical

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