



Product Bulletin

Halt

Halt is a totally synthetic metalworking fluid specifically designed for use in tube mills. Halt provides maximum lubricity during roll forming and cooling after seam welding without depositing the waxy or tacky film typical of synthetic products. In addition it provides temporary rust protection for indoor storage without the use of nitrites or other unwanted ingredients.

Features and Benefits

- Prevents build up on roll surfaces
- Provides temporary indoor rust protection
- Contains no phenols, nitrites or heavy metals
- Non tacky dry down
- Low pH minimizes hazard for workers handling parts
- Contains a biocide to reduce odors and prolong sump life

Typical Properties

Appearance	Amber-Yellow liquid
Bulk Density	8.43 lbs/gal
Specific Gravity	1.01 @ 70°F
pH (@ 5% by volume)	9.2-9.8
Flash Point	None to boiling

Application Procedure

Halt should be used between 3 and 7 % by volume in central systems or individual sumps depending on lubricity and rust protection required. Systems should be thoroughly cleaned and sanitized prior to charging. The concentration can be determined by refractometer using a factor of 3.0 or by titration with mild acid.

Consult Material Safety Data Sheet for a complete description of proper handling procedures.