



# HD 1100-83

## Soluble oil stamping fluid

Metal Mates HD 1100-83 is a soluble oil designed for very difficult severe stamping.

### FEATURES

- Leaves a thin oil layer and may need to be cleaned before weld

### APPLICATIONS

- Spray, brush, roll coat or drip

### DIRECTIONS

Dilute Metal Mates HD with water to suit the specific application.

Heavy-Duty: 3:1 to 8:1 (25-11%)

NOTE: These dilution ratios should only be used as general guidelines and are not exact specifications. Please contact your Metal Mates Regional Sales Manager for an application specific recommendation. Slowly add water to lubricant while mixing. Water quality enhances the performance of all water-dilutable lubricants.

### HANDLING

Use appropriate safety equipment. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep away from extreme heat. Keep container closed when not in use.

### DISPOSAL INFORMATION

Absorb on suitable material and follow procedures listed below. Dispose of in a manner that is recommended by local, state, provincial and federal laws and regulations.



### PROPERTIES

Odor	typical, mild
pH at 10%	8.7-9.7
Specific Gravity	1.03
Flash Point	>200F (>93C)
Boiling Point	212F (100C)
Vapor Pressure	<1
Vapor Density	Heavier than air
Prop 65 Warning	No
Chlorine	Y
Refractometer Readings	7-24 RI
Dilution Ratios	Typical Dilution: 3:1 to 8:1 (25 to 11%)

### AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case
MM3202	5 gal	pail	1
MM3203	55 gal	drum	1
MM3206	330 gal	tote	1



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