



HDP HSS

Severe-Duty HSS Stamping Lubricant

FEATURES

- Longer die and punch life
- Designed for HSS/UHSS & heavy-duty operations
- Provides a chemical barrier that doesn't wipe off during press operation
- No cleaning required before welding
- Excellent rust protection
- Reduces scrap
- Improves part quality
- Eliminates scoring and cracking
- Won't build up on dies
- Cleaner, safer work environment

APPLICATIONS

- Heavy & Severe-Duty Stamping Applications including:
- Excellent for all heavy-gauge components
- Hole punching through SS, UHSS, etc.
- UHSS Frame Rails
- Please call for consultation on specific applications

DIRECTIONS

Dilute Metal Mates HDP-HSS with water to suit the specific application. 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.

STORAGE

Store away from extreme heat, flame, or ignition sources. Pressure buildup may occur due to heat exposure or temperature change. Release pressure by slowly opening container.

DISPOSAL

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



PROPERTIES

| | |
|------------------------------------|--|
| Appearance / Physical State | Varies |
| Odor | mild |
| pH Value | 7.4-8.6 at 10% |
| Specific Gravity | 1.02 |
| Flash Point | >200F (>93C) |
| Boiling Point / Range | 212F (100C) |
| Vapor Pressure | <1 |
| Vapor Density | Heavier than air |
| Prop 65 Warning | No |
| Total Chlorine | Y |
| Refractometer Readings | 6-10 RI |
| Dilution Ratio | Typical Dilution: 3:1 to 6:1 (33-17%) |
| Dry Time | < 2 minutes; *Drying time may vary depending on film thickness |

AVAILABLE PRODUCTS

| Part No. | Net Contents | Container Type | Units/Case | Color |
|----------|--------------|----------------|------------|------------|
| MM3302 | 5 gal | pail | 1 | creamy tan |
| MM3303 | 55 gal | drum | 1 | creamy tan |
| MM3306 | 330 gal | tote | 1 | creamy tan |



CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TODAY!

800.241.8334 | www.itwprobrands.com

LPS®, SCRUBS®, DYKEM®, Accu-Lube®, DYMON®, Spray Nine®, and Cedar® are registered trademarks and Rustlick™, Diamondkote™, and MetalMates™ are trademarks of Illinois Tool Works • All Rights Reserved