



VS 160-30

Stamping Lube

Metal Mates VS 160-30 is a semi-synthetic, medium duty universal lubricant for stamping, forming, drawing, piercing, and punching operations in metal. The first product in a family of unique micro-emulsion stamping and drawing lubricants designed for progressive dies and multi-forming operations.

Exclusive VS micro-emulsion technology prevents oily buildup on parts and dies while maximizing tool life. The lubricant contains extreme-pressure and anti-wear agents that provide exceptional lubricity in moderate-duty stamping, drawing, piercing, and flanging.

Easy clean-up with no pre-weld wash needed. Best for 0.035" - 0.150" hot-dipped galvanized, cold-rolled, and electro-galvanized (galvanneal) steel.

FEATURES

- Excellent fines removal
- Not sticky or tacky - cleans very easily
- No clean required before welding
- Does not build up on tooling/die
- Works very well with Aluminum & mild steels

APPLICATIONS

- Light-Duty Stamping - examples include:
- Flanges on car doors, appliance panels, connectors, etc.
- Differential covers
- HSS frame rails
- Bearings
- Brackets
- Exhaust system flanges
- Many others - please contact us with questions.

DIRECTIONS

Dilute Metal Mates VS with water to suit the specific application. Slowly add water to lubricant while mixing. Water quality enhances the performance of all water-dilutable lubricants.



PROPERTIES

Odor	mild
pH Value	8.0-9.0
Specific Gravity	0.99
Flash Point	>200F (>93C)
Boiling Point / Range	212F (100C)
Melting / Freezing Point	212F (100C)
Vapor Pressure	<1
Vapor Density	Heavier than air
Prop 65 Warning	Yes
Total Chlorine	Y
Dilution Ratio	Typical Dilution 3:1 to 6:1 (33-17%)



CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TODAY!

800.241.8334 | www.itwprobrands.com

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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.

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Color
MM1002	5 gal	pail	1	creamy white
MM1003	55 gal	drum	1	creamy white
MM1006	330 gal	tote	1	creamy white



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