

Drawing and Stamping

www.HarryMillerCorp.com

Contact Us: +1.215.324.4000

Lubricants

Companies making drawn components face new challenges today including higher-strength alloys, tighter tolerances, faster speeds, and new tooling materials

When companies factor in cleaning requirements and environmental concerns, the selection of ideal draw lubes is critical to the success of the operation. Harry Miller Corporation makes drawing lubricants designed to handle all of your drawing applications. Whether you need straight oils or water-soluble fluids, these products provide superior performance.

A Formula for Every Need

<i>Product Type</i>	<i>Product</i>	<i>Description</i>
Pigmented Lubricants	Hamidraw® 1846 Series	This series contains heavy-duty pigmented drawing lubricants for steel and stainless steel. Formulated for severe draws such as tube reducing, bar and wire drawing.
Water Soluble Lubricants	Hamidraw® 1828 Series	Heavy-duty, water soluble chlorinated drawing lubricants for steel and non-ferrous metals.
	Hamidraw® 1830	Water soluble, heavy-duty drawing lubricant suitable for stainless steel.
	Hamidraw® 9350	Chlorine-free, water soluble drawing lubricant for all metals.
	Hamidraw® D Series	This series is for extremely heavy-duty metal deformation such as deep drawing of stainless and alloyed steel. This series is safe to use on all metals.
	Hamidraw® 1945 Series	This chlorinated lubricant is formulated for the blanking and deep drawing of all metals. It can be cut back with mineral oil for lighter work.
Straight Oils	PE-65-NC	Heavy-duty oil for drawing, stamping, forming and coining of heavy gauge carbon steel, stainless and alloy steels. Contains no chlorine or regulated chemicals. Available in a lower viscosity version PE-40-NC.
Vanishing Oils	Hamidraw® 142 Series	For the stamping, blanking and drawing of light gauge steel, stainless steel, brass and aluminum.
Full Synthetic Lubricants	Aqualube® 2029	Mineral oil free, derived from renewable resources. For the drawing, stamping and blanking of all metals.



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Success Story

A producer of deep drawn metal eyelets was using an “in-house” emulsion of three lubricants to manufacture a brass part with a cosmetic finish. Variations in the lubricant mixture prevented a consistent finish on the part and they noted a limited sump life for the lubricant mixture.

The company needed a water-soluble lubricant to provide ease of mixing, superior lubrication and improved bio-resistance. Harry Miller Corp.’s experienced technicians designed a custom formula to provide a consistently superior surface finish along with a stable emulsion that had greatly improved bio-stability.

The Harry Miller custom solution eliminated the cost and hassle of juggling three separate lubricants and the need to hand-mix the lubricant. The result was lower fluid costs, higher quality finishes and an improved acceptance rate for the brass parts.

Manufactured By:



4309 N. Lawrence Street
Philadelphia, PA 19140
USA

Harry Miller Corp offers an expanded selection of synthetic, straight, vanishing, hydroforming, water-soluble, vanishing oils and pigmented lubricants to meet your severe duty applications with ferrous and non-ferrous metals and other manufacturing needs. Our products will help you improve performance and end results while reducing your costs. We would welcome the opportunity to discuss your specific needs.

Harry Miller Corp also offers a full line of aqueous and petroleum-based rust inhibitors, drawing and stamping fluids, cleaners, acid pickling solutions and non-destructive testing fluids.



Your Sales Rep/Distributor: