

# Lubricant is lubricant

Improving your business through advanced metalforming lubricant technology has been our mission for nearly 100 years.

We achieve it by providing LeanGreen® non-oil lubricating fluids and gels as well as by providing engineering services to help you optimize more than 80 manufacturing, assembly and environmental areas.

We start with our thin film's ability to protect tooling with 50% less volume, so you can cut application waste and housekeeping needs.

You might also consider that our oil-free surfaces improve the conditions for welding and assembly. Studies using MIG, TIG and resistance welding techniques have proven that, in many cases, you're able to reduce washing demands prior to welding using our lubricants. And we help you reduce die-polishing downtime by an average of 25% because our high performance lubricating barrier clings to critical surfaces under high frictional heat. All with metal-forming lubricants that reduce scrap and rework.



## With one notable exception.

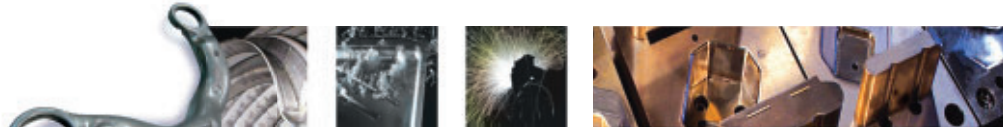
**IRMCO®**

“We appreciate working with IRMCO. They’ve helped us significantly reduce our number of weld rejects, particularly those due to lubricant caused porosity and carbon. And because their lubricants have the lowest aquatic toxicity in the industry, they’ve helped us lower our environmental impact as well.”


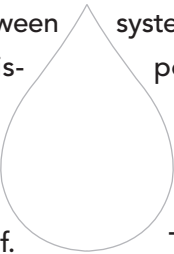

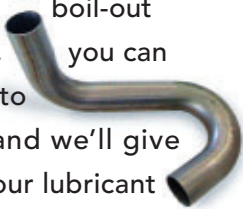


-Ernie Dunkley, Assistant General Manager/Tooling Engineer  
and Press Operations, SHIROKI North America, Inc.  
30 years in the metal stamping industry  
9 years as an IRMCO client

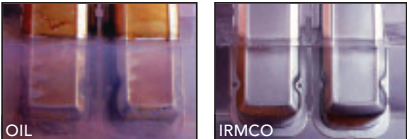
“At Larson Tool, we focus exclusively on deep drawn cylinders. Working with IRMCO to eliminate the use of oil with a switch to water-based polymer technology has brought us numerous benefits, from cooler tool temperatures and plain water in our parts washers to drawing from their expertise with application and delivery systems. IRMCO is a valued supplier.”

-Manuel Resendes, Process Improvement Engineer,  
Certified Six Sigma Black Belt, Larson Tool,  
Attleboro, MA, 20+ years as an IRMCO client



In most cases, you can remove our lubricants with plain water or mild alkaline cleaner, reducing chemical, water, and energy use by up to 75%. Cleaning and pre-treatment chemicals perform more efficiently and last longer between system clean-outs when you use our lubricants, so washer disposal is reduced by up to 75% as well. And, paint rejects caused by oil boil-out and cratering are eliminated too. Best yet, you can get process savings when you convert to our products. See for yourself. Try us today and we'll give you a 5% savings guarantee: If you're unable to lower your lubricant costs by at least 5% in the first 30 days, we'll refund the savings equivalent. It's that simple. After all, lubricant is lubricant—except when it's IRMCO.



OIL      IRMCO

“Having years of experience running metal stampings plants, IRMCO has been my choice for lubricant supply in a variety of those facilities. Their team brings me the tools and techniques to reduce lubricant waste along with the associated mess and costs that come with oil-based products. I trust them to get the job done.”

- John Newman, Plant Manager, ARJ, Jackson, TN,  
30+ years in the auto metalstamping industry  
25+ years as an IRMCO client

Not all lubricants are the same. And one brand is clearly better – IRMCO. Testing at Ohio State's Center For Precision Forming (CPF) concluded that our chemistry increases metal stretch 65% to 100% greater than four of the most widely used metal-forming oils. And we were the top performer in other critical manufacturing areas. Plus, we've been able to contribute to a greener global environment by displacing over 10 million gallons of oil-based forming fluids. It's no wonder why we're in over 35 countries – and why we're used in manufacturing many critical components in automobiles,

## The choice is yours.

# IRMCO®

### It pays to think about lubricant.

light and heavy trucks, exhaust systems, seating, class 'A' trim, aircraft, turf maintenance, recreational vehicles, motorcycles, appliances, pressure vessels, and other products. So switch to IRMCO today. Our extensive database of cases makes it easy. And our consultants and tech support engineers will work on-site in partnership with you to implement, measure and record meaningful process improvement.

“One of the key points to improving tool performance is data. My experience with IRMCO is that they are a company focused on getting the required data. There is no guesswork. They have the skills in both lab and shop environments to gather key information in a professional and thorough manner. They're the pros.”

-Art Hedrick, President of Dieology, Rockford, MI  
25+ years as a tool engineering consultant

Imagine that: reduced time, chemicals, water, energy, liability and environmental impact—all by converting to IRMCO. Call us today to get started.

1-800-323-2933  
[www.irmco.com](http://www.irmco.com)