

## VALUE PROPOSITION

- Annual Savings of \$969,000
- 65% less HDP 970-40 was required (compared to competitor product), leaving a much cleaner, less oily part, directly off the press
- Tooling life improved by 40%, delivering significant savings
- Scrap rate was drastically reduced from 8% to a negligible level
- HPD 970-40 was able to deliver a cleaner stamped product eliminating costly secondary wash prior to welding or A-coating (paint)



### PRODUCT

**METAL MATES™ HDP 970-40**  
Severe-Duty Stamping Lubricant

### BOTTOM LINE

**Automotive seating manufacturer lowered scrap, improved productivity, and saved money and time.**

### APPLICATION

- Stamping of multiple seat components from cold-rolled, galvanized, and ultra high-strength steel.

### ISSUE

- The customer was experiencing poor tool life, high scrap rates, and poor laser weld due to excess residue on parts. Consumption was also very high due to operators flooding the die to try and make up for these issues.

### SOLUTION

- METAL MATES™ HDP 970-40 Severe-Duty Stamping Lubricant was trialed over an extended period to see if it could address all of the issues facing the customer.

### RESULT

- Engineering found that METAL MATES™ HDP 970-40 could be used at higher dilution than the competitor's product and still deliver superior results.
- Secondary wash prior to welding and paint was eliminated, an 8% scrap rate was reduced to almost zero, and tool/punch life was improved by 40%. The customer estimated that productivity, scrap, and material use improvements would yield annual savings of \$969,000.

#### PACKAGING DETAILS

Part No.	Net Contents	Container	Units
MM3002	5 gal.	pail	1
MM3003	55 gal.	drum	1
MM3006	330 gal.	tote	1