

# Warren, MI

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## ADHESIVES AND COATINGS

RUBBER TO METAL ADHESIVES  
DRY FILM LUBRICANT  
ZINC RICH COATING  
PTFE COATING  
HEAT REFLECTIVE COATING

## MECHANICAL PRETREATMENT

GRIT BLASTING

## APPROVED APPLICATOR

The following is a list of current materials we are approved to apply:

**LORD**



**DUPONT**

**DÖRKEN**

**ECL**  
A QUAKER HOUGHTON COMPANY

## CHEMICAL PRETREATMENT

ALUMINUM WASH  
ALKALINE WASH  
MANGANESE PHOSPHATE  
PICKLE AND OIL  
ZINC PHOSPHATE – MICRO  
ZINC PHOSPHATE – MEDIUM  
ZINC PHOSPHATE - MACRO

## APPLICATION EQUIPMENT

DIP SPIN  
DIP DRAIN  
ROUND TABLE  
CHAIN-ON-EDGE  
HAND SPRAY  
TUMBLE SPRAY

## CERTIFICATIONS

**ISO** 9001  
Registered  
MAQMSR Compliant



## HIGH VOLUME, VALUE ADD COATING APPLICATOR

We maintain a diverse offering of application equipment, and material application approvals to support our customer requirements. Our focus is: adhesives that support the rubber-to-metal bonding industry, zinc rich coatings, PTFE coatings and dry film lubricants that improve assembly and corrosion resistance.



YOUR  
SPECS



YOUR  
SCHEDULE



YOUR  
SECURITY

**Pioneer**  
METAL FINISHING

# About Pioneer Metal Finishing

Starting in 1945, Pioneer has focused on being a premier metal finisher partner for our customers. We exist to be an extension of our customers' business, providing value-added services that improve the performance of their products. This focus has led us to operate 11 facilities in the United States and Mexico, providing a full spectrum of finishing services.

**ISO** 9001  
Registered



U.S. Immigration  
and Customs  
Enforcement



FFL Accredited



**11** NORTH AMERICAN LOCATIONS  
**4,000** INDUSTRY SPECIFICATIONS  
**800,000** SQ. FT. OF MANUFACTURING  
**600,000,000** PARTS PROCESSED ANNUALLY

# All Pioneer Processes

## Adhesives & Coatings

Dry Film Lubricant  
Heat Reflective Coating  
Paint  
Powder Coating  
Rubber to Metal  
Adhesive Coating  
Zinc Rich Coating

## Aluminum Anodize

Type II Anodize  
Type III Hardcoat  
Type III with PTFE

## Conversions & Pretreatments

Aluminum Conversion Coating  
Aluminum Heat Treatment  
Manganese Phosphate  
Zinc Phosphate  
Pickle & Oil  
NDT: Non-Destructive Testing

## Finishing

Blasting  
Parts Washing  
Electropolishing  
Aluminum Passivation  
Stainless Steel Passivation

## Plating

Black Nickel  
Copper  
Electroless Nickel  
Electrolytic Nickel  
Functional Hard Chrome  
Gold  
Nickel Sulfamate  
Silver  
Tin  
Zinc

## Proprietary Finishing Services

ARP Acid Etch™  
CastGuard™  
EnduraGuard™  
FrostKote™  
Medi-Black™  
NiCoTef™  
NiTuff®  
NorGuard™  
NorKote™  
NorLast™  
NorLube™  
Optical Black®  
Steri-Safe™  
Vortex Anodizing

Request a quote at: [rfq@pioneermetal.com](mailto:rfq@pioneermetal.com)



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SPECS**



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SECURITY**



[www.pioneermetal.com](http://www.pioneermetal.com)

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