



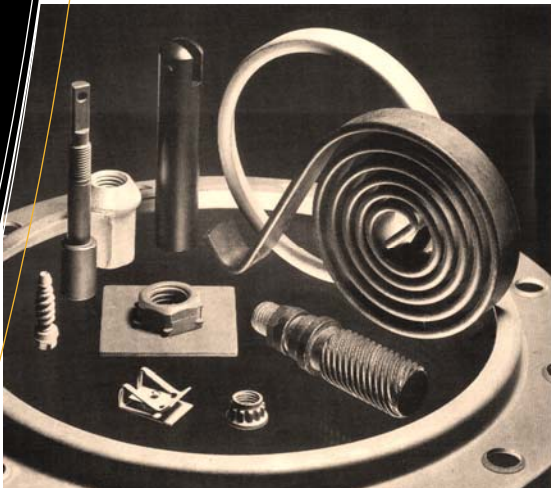
# TIODIZE®

ISO-9001: 2008 Certified

Tiodize / Michigan innovative coatings can be applied to any part large or small, high production or prototype quantities; to give you unsurpassed performance at competitive prices.

### OUR SERVICES:

- PHOSPHATE LINES - BARREL AND RACK
- ZINC PHOSPHATE - LIGHT-MEDIUM -HEAVY
- PHOSPHATE AND SYNTHETIC WAX
- PHOSPHATE AND OIL
- PICKLE AND OIL
- BULK 24 INCH DIP SPIN LINES
- DRY FILM LUBES
- RUBBER TO METAL ADHESIVE BONDING
- CHAIN ON EDGE COATINGS-ID / OD
- PAINT SPRAY
- PART WASHING
- PAINT SPRAY



# innovative solutions for your coating needs

PRODUCTS AND SERVICES FOR PREVENTION OF FRICTION, WEAR AND CORROSION

- |            |             |
|------------|-------------|
| AUTOMOTIVE | ELECTRONICS |
| AEROSPACE  | MARINE      |
| ORDINANCE  | COMMERCIAL  |

## Specialty Coatings

### LOW VOC CORROSION RESISTANT

Aluminum pigmented coatings designed to inhibit galvanic corrosion and embrittlement.

### LOW VOC DRY FILM LUBRICANTS

TIOLUBE® -Molybdenum Disulfide Lubricants to prevent galling-heat cured or air dried.

### LOW VOC PTFE COATINGS

TIOLON -PTFE Resin Bonded Coatings for use as lubricants or mold releases.

### LOW VOC SPECIALTY COATINGS

A variety of special coatings designed to meet your special application requirements

## Certified Testing Lab

Approved-Registered to ISO 9001:2008 and certified to the American Society for Testing and Materials (ASTM). Qualitative analysis of all chemical process to NIST standards assures that the Tiodize solution will more than conform to its proper requirements for efficiency while providing the quality you deserve.

### TIODIZE TESTING CAPABILITIES INCLUDE:

- |                                |                |
|--------------------------------|----------------|
| Corrosion Resistant Salt Spray | Film Thickness |
| Torque Tension                 | Humidity       |
| Solvent Resistance             |                |
| Coating Weight                 |                |



HIGH QUALITY ■ LOW VOC ■ COST EFFECTIVE ■ RELIABLE



# SPECIFICATIONS

Tiodize coatings have been tested and proven in many industries and meet the performance requirements of many coating specifications.

<b>GM</b> GM-6046 GM-6174 GM-4435 (A-G) GM-6035 GM-00253 GM-3179 (A-D-G)	<b>COATINGS</b> FLUOROCARBON COATING ORGANIC COATING ZINC PHOSPHATE ZINC PHOSPHATE ZINC PHOSPHATE ZINC PHOSPHATE	<b>SALT SPRAY</b> 96-330 HOURS 168 HOURS VARIABLE VARIABLE VARIABLE VARIABLE
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<b>FORD</b> ESA-M13P1-A ESB-M3P4-A ESB-M3P5-A ESE-M13-P6-B1,B2 WSD-M12P10-B3 (S306) ESF-M2P6-A ESF-M3P7-A ESF-M3P8-A ESF-M3P9-A ESF-M3P10-A WSS-M3P36-A1 WSS-M3P36-A1 WSS-M2P33-A	<b>COATINGS</b> TIOLON S-20 ZINC PHOSPHATE ZINC PHOSPHATE FLUOROCARBON COATING FLUOROCARBON COATING ZINC PHOSPHATE ZINC PHOSPHATE SYNTHETIC WAX ZINC PHOSPHATE ZINC PHOSPHATE LT. ZINC PHOSPHATE ZINC PHOSPHATE TIOLUBE 460	<b>SALT SPRAY</b> 48 HOURS 72 HOURS 96 HOURS VARIABLE 240 HOURS 24 HOURS 96 HOURS 24 HOURS N/A 48 HOURS N/A N/A VARIABLE
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<b>CHRYSLER</b> PS-80 PS-508 PS-7001	<b>COATINGS</b> ZINC PHOSPHATE LT. ZINC PHOSPHATE FLUOROCARBON COATING	<b>SALT SPRAY</b> 72 HOURS N/A 96-240 HOURS
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<b>DELPHI CORP.</b> DX550700 DX550800	<b>COATINGS</b> ZINC PHOSPHATE FLUOROCARBON COATING	<b>SALT SPRAY</b> VARIABLE VARIABLE
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<b>TRW CORP.</b> TRW-S-4340 TRW-S-4150	<b>COATINGS</b> TIOLUBE 460 ZINC PHOSPHATE	<b>SALT SPRAY</b> 24-48 HOURS N/A
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<b>BOSCH CORP.</b> ES-0995 0 204 Y02 082 TYPE F	<b>COATINGS</b> TIOLUBE 460 PHOSPHATE	<b>SALT SPRAY</b> 24-48 HOURS -----
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<b>TOYOTA</b> TSH7500G CLASS C2	<b>COATINGS</b> ZINC PHOSPHATE	<b>SALT SPRAY</b> N/A
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<b>VOLKSWAGEN AG.</b> TL240	<b>COATINGS</b> LT. ZINC PHOSPHATE	<b>SALT SPRAY</b> N/A
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<b>FIAT</b> 9.57408	<b>COATINGS</b> ZINC PHOSPHATE	<b>SALT SPRAY</b> N/A
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## TIODIZE / MICHIGAN

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<b>WHIRLPOOL</b> F-8 GRADES 1-4	<b>COATINGS</b> ZINC PHOSPHATE	<b>SALT SPRAY</b> N/A
<b>JOHNSON CONTROLS</b> MEPM-PLUS-SP-04-07-07 E	<b>COATINGS</b> ZINC PHOSPHATE AND OIL	<b>SALT SPRAY</b> N/A
<b>MISCELLANEOUS</b> DIN EN 12476 FEDERAL TT-C-490	<b>COATINGS</b> ZINC PHOSPHATE ZINC PHOSPHATE	<b>SALT SPRAY</b> N/A N/A
<b>MILITARY</b> MIL-PRF-46010 E AS-1701- CLASS 1 & 2 MIL-PRF-46147 C MIL-23398 D MIL-DTL-16232 G	<b>COATINGS</b> TIOLUBE 460 TIOLUBE 20/20 TIOLUBE 75/75 TIOLUBE 75/75 ZINC PHOSPHATE	<b>SALT SPRAY</b> 160 HOURS 200 HOURS N/A N/A VARIABLE

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