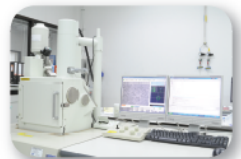




THAI PARKERIZING CO., LTD.



www.thaiparker.co.th

THAI PARKERIZING CO., LTD.

Thai Parkerizing is a leader in the surface and heat treatment industry. We provide a variety of products and services to apply on various metal surfaces, involved from metal sheet manufacturing processes to OEMs finish goods. We focus on the best quality and technology development to fulfill our customer's satisfaction.

CHEMICAL PRODUCTS

Conversion coating chemicals



- » Zinc phosphate
- » Zinc calcium phosphate
- » Manganese phosphate
- » Metal oxide
- » Trivalent chromium
- » Non-chromium
- » Stearate soap lubricant
- » Dry-in-place lubricant (PULS)



Rust preventive products

NOX RUST (Rust preventive oil/wax)

- » Solvent base type
- » Wax base type
- » Water base type

PIPAK (Volatile Corrosion Inhibitor Film)

Dessiccant

- » Misson dry
- » Kalahari Dry



Rolling oil

Coolant for cold rolled steel process

- » Lubricity
- » High rolling speed



Other treatment products

- » Degreasing and cleaning chemicals
- » Hydrophilic coating on evaporator/condenser
- » Coil coating on galvanized steel
- » Short-term rust preventive chemicals
- » Paint remover, Paint killer, Film guard, Paint Cleaning Agent (PCA)



Chemical Controller



An automatic chemical analysis and replenishing control system.

- » Real-time/online monitoring
- » Automatic data collection
- » Traceability system
- » Help in control quality, cost, operation, and -safety

PLATECOIL

Heat and cool exchanger, highly durable and light weight, easy to install, move and clean.

- » Dipping type
- » Vessel type
- » Clamp-on type
- » Drum Warmer type

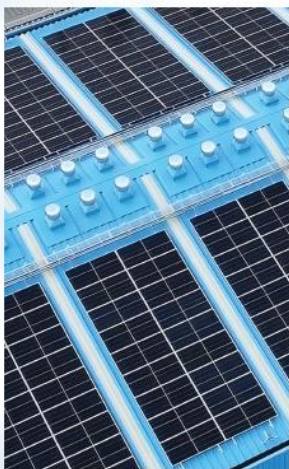


Original Equipment Manufacturer (OEM)

One-stop service for creating your own brand of industrial oil and chemical products, manufactured under ISO9001 and ISO14001 standards.

- » Industrial oil
- » Chemical products





Solar cell



Auto rack



Container lifting robot



Automatic production system

TREATMENT SERVICES

Surface treatment



Phosphate treatment

- » Zinc phosphate
- » Manganese phosphate
- » Trivalent chromium
- » Stearate soap lubricant



Pallube treatment (Solid lubrication treatment)

- » Molybdenum disulfide
- » Polytetrafluoroethylene (PTFE)



Kanigen® (Electroless Nickel plating)

- » Ni-P alloy coating
- » Ni-P-B alloy coating
- » Ni coating with PTFE
- » Ni-Co-W-P alloy coating



DELTA-MKS® (Zinc Aluminium flakes coating)

Low coating thickness with high corrosion protection

- » Dip-spin
- » Hanging dip-spin
- » Spray



Hydrophilic coating

Coating on aluminium to increase corrosion resistance, and saving odor.

- » For evaporator
- » For condenser



Powder painting

A dry finishing process, protects against corrosion

- » Electrostatic powder painting
- » PARKER IONICS: unique Pulse Power technology

Heat treatment



Gas heat treatment

- » Gas carburizing
- » Gas carbonitriding
- » Gas soft nitriding
- » Quenching and tempering



ISONITE® (Salt Bath Soft Nitriding)

- » Quench-Polish-Quench
- » Surface hardness/ Wear resistance
- » Corrosion resistance



Shot peening

A cold-working process to produce surface deformation to improve

- » Residual compressive stress
- » Fatigue resistance
- » Delayed and retarder crack
- » Stress corrosion failures



PVD (Physical Vapor Deposition)

A thin film with high hardness

- » TIN
- » TiAIN
- » TiCN
- » CrN
- » DLC (Diamond Like Carbon)

LABORATORY SERVICES

Chemical analysis

- » Organic and inorganic analysis
- » Qualitative and quantitative analysis
- » Quenching oil analysis

Surface and metallurgical analysis

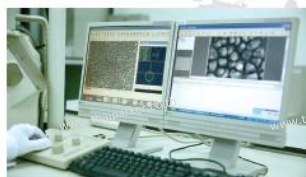
- » Microstructure and chemical composition
- » Mapping and depth profile analysis
- » Wear and friction test
- » Corrosion test and paint evaluation

Zinc phosphate standard panel

- » Verify corrosion and paint evaluation

Environment analysis

- » Hazardous substance analysis
- » Waste water analysis





THAI PARKERIZING

CHEMICAL PRODUCTS & SERVICE

HEAT & SURFACE TREATMENT SERVICES

THAI PARKER TECHNICAL CENTER

HEAD OFFICE

THAI PARKER TECHNICAL CENTER

HEAT & SURFACE TREATMENT FACTORY

570 Moo 4, Bangpoo Industrial Estate,
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Soi 8A, Sukhumvit Rd., Prakasa,
Muang, Samutprakarn 10280
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HEAT & SURFACE TREATMENT FACTORY

500/19 Moo 3,
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Tasit, Pluak Daeng, Rayong 21140
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