



EMBODYING INNOVATION,  
SPRAYING THE FUTURE

## Total Aerosol and Chemical Solutions

YECO A, the representative  
brand of Youngil Co., Ltd



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

28-140, Yusangongdan 4-gil,  
Yangsan-si, Gyeongsangnam-do, Republic of Korea  
Tel. +82-55-785-2091 | Fax. +82-55-363-8786







A company that creates  
people and the future  
**YOUNG IL**

## CEO greetings

We sincerely thank you for visiting Youngil Co., Ltd.

Since our establishment in 1968, Youngil Co., Ltd. began as a company producing lighter refill oil. Over the years, we have specialized in producing disposable butane gas under the brand Sun Fuel, and have continued to grow by developing a variety of industrial aerosol products, including Youngil lacquer spray. Through these innovations and growth, Youngil Co., Ltd. aims to become a leader in the global aerosol filling industry.



Our company prioritizes customer satisfaction, driven by our commitment to superior quality, exceptional service, and a customer-oriented approach. We provide successful solutions across various industrial sectors.

In particular, Youngil Co., Ltd. is dedicated to sustainable management and fulfilling our social responsibilities by actively engaging in ESG (Environmental, Social, and Governance) management. We strive to be a company that grows alongside all stakeholders through environmental protection, social value realization, and transparent and ethical management.

Moving forward, Youngil Co., Ltd. will continue to meet and exceed our customers' expectations, evolving into a more innovative and responsible company. We kindly ask for your continued support and encouragement, and we wish you health and happiness always.

Thank you.

CEO 이기종



## COMPANY HISTORY

1980~2000

1968 ~

Young Il Industrial Company established

- OEM contract signed with & supplied for Sam-sung Fine Chemicals Co. Ltd. (Samsung zinc, Volvo (Clark) heavy equipment color spray)
- OEM contract signed with & supplied for Chokwang Paint Co. Ltd.
- Cited for certification of triple zero hazard records by Korea Occupational Safety and Health Agency
- Plant moved (Converted to corporate)
- Charging business license for liquefied petro- leum gas
- Cited by Federation of Busan Science & Tech- nology
- Registered for trading business
- Cited by the minster of Ministry of Interior

- Applied for trademark registration of portable butane gas (Young Il Butane Gas)
- Cited by the director of West Busan Tax Office
- Joint registration of trademark applied for portable butane gas (Sun fuel) Appreciation plaque presented by Busan Chamber of Commerce
- Registered as a business affiliated with Busan Chamber of Commerce
- Cited by Jungbu Fire Station of Busan
- Plant moved
- Cited by Consumer Protection Council

2001~2005

- Registration applied for trademark of Young Il Lacquer
- Appreciation plaque presented as an excellent subcontractor for Seo Won Distribution Co. Ltd.
- Portable fire extinguisher charged
- Trademark registered (No. 0543461)
- Trademark registration applied for (ZINC, SILVER)
- Korea classification certification acquired (ZINC, SILVER)

- Added as an item for vessels (ZINC, SILVER)
- Military delivery OEM contract for lacquer spray signed & supplied
- Certified for quality management system (ISO9001 & ISO14000)
- OEM contract signed with and supplied for Hyundai Heavy Industries (Samho, Mipo)
- Selected as a promising small and medium business (No. 06-15)
- OEM contract signed with and supplied for KCC Co. Ltd.

2006~2010

- OEM contract signed with and supplied for Joongwon Corporation Co. Ltd.
- OEM contract for BTX FREE lacquer spray signed with and supplied for Nissan (Fuji) Motors
- OEM contract signed with and supplied for Komeron Co. Ltd.
- OEM contract signed with and supplied for Oriental Precision & Engineering Co. Ltd.
- Added as an item for autonomous safety checking report (Sweet garden)
- Added as an item for autonomous safety checking report (Adhesive & sticker remover)
- Added as an item for welding supplies (SLAG, SPATTER REMOVER)

- Added as an item for coating supplies (SUS COAT)
- OEM contract signed with and supplied for Seo Won Distribution Co. Ltd.
- OEM contract signed with and supplied for Hyundai Motors
- Multi items such as anticorrosive primer, etc. added
- Trademark registration applied for MULTI FOAM (polyurethane foam)
- Cited by the minister of Ministry of Interior (No.7660)
- Added as an item for injection molding supplies (Releasing agent, polyurethane varnish)
- Production line for air freshener and items added
- Saving & recycling of resources promoted. Registered as a member

2011~2013

- Distribution standard code registered
- Trademark registered (No.40-0855597)
- Appreciation plaque presented by Seo Won Distribution Co. Ltd.
- Automation line dor pouch charging con- structed (Portable fire extinguisher produced)
- Selected as a business certified for INNO-BIZ Association (No. R9021-0038)
- Chlorine-free products registered (YL-3000NPP, YL-5000NPP,UEC)
- Phthalate-free lacquer spray launched

- Appointed for regional business developmentcouncil Head of Saha district
- Heavy metal LEAD- FREE lacquer launched (Not included in 4 largest heavy metals)
- Korea Institute of Industrial Technology (C12N200599)
- Registered as a military supply business, signed and supplied for supply contract
- Automation constructed for all LINES of lac- quer spray
- Supply contract signed with and supplied for Daiso Japan of Japan

2014~2016

- Confirmation letter for small and medium busi- ness of innovative management type (MAIN-BIZ) (Small & Medium Business Administration)
- One million dollar export tower achieved
- Selected as an excellent business by INNO-BIZ Association
- Academy-industry cooperation council with regional college configured (DongA University)
- Agreement signed for development consor- tium of national human resources

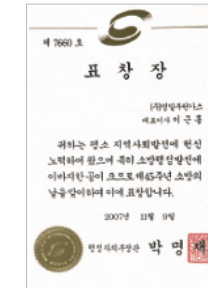
- Citations awarded by Head of Saha district in Busan
- Unit price (Consignment) contract signed with and supplied for POSCO
- Unit price contract signed with and supplied for Hanjin Heavy Industries & Construction
- Unit price (Consignment) contract signed with and supplied for POSTECH Co. Ltd.
- Unit price (Consignment) contract for industrial products signed with and supplied for Samsung Heavy Industries (iMarket Korea)

2017~2018

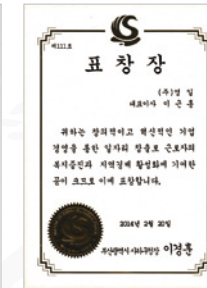
- The 2nd plant newly constructed (Yangsan in Gyeongnam)

## CERTIFICATE

### Commendation



Commendation



Commendation



Export tower

### Trademark Registration



Trademark registration certificate-Young Il



Trademark registration certificate-FORCE



Trademark registration certificate-YECO

### Certificate of Patent



Spray patent for waterproofing construction

### Certification



Test report



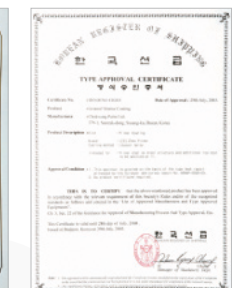
Test report (Independent inspection)



Certificate for a small and medium business of innovative management type



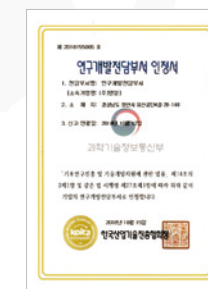
Selection letter for a promising small and medium business



Classification certification for zinc primer



Test report for Ministry of Defense



Certification of research and development department



Promising export small and medium enterprise registration certificate



Risk assessment certificate



ISO 45001



ISO 9001



ISO 14001



CONTENTS

01 Spray Paint

YL-017 Youngil Spray Paint ..... 08P

LF-017 Lead-Free Spray Paint ..... 09P

YL-007 Tree marking Paint ..... 10P

YL-880 Fluorescent Spray ..... 11P

02 Anti-corrosion · Coating agent

YL-509 Polyurethane Varnish ..... 13P

YL-501 Zinc Primer ..... 13P

YL-501S Cold Silver Galvanizing ..... 13P

YL-501KL Smelting Aluminum Coating Agent ..... 14P

YL-503 Anti-corrosion Primer ..... 14P

YL-506G Black Colorant ..... 14P

YL-501SHT Heat-Resistant Silver Coat ..... 14P

YL-316B SUS COAT ..... 15P

YL-517 Rust Guard (Long-term) ..... 15P

YL-804 Mold Guard (Long-term) ..... 15P

YL-008 Waterproof Sealant Spray ..... 16P

YL-900 Varnish silicone insulation agent ..... 16P

YL-901HI Polyurethane insulation agent ..... 16P

YL-902 Acrylic insulation agent ..... 16P

03 Cleaner

YL-180 Powerful Mold Cleaner ..... 18P

YL-108 Electrical Contact Cleaner ..... 18P

YL-403D Metal Cleaner & Degreaser (Non-Flammable) 18P

YL-109 Dust-Free (Air Duster) ..... 19P

YL-600L Stiker Remover ..... 19P

YL-601D Paint & Gasket Remover ..... 19P

YL-100 Multi-Purpose Cleaner ..... 19P

YL-403P Metal Cleaner & Degreaser (Flammable) .... 20P

04 Lubricant · Release agent

YL-504A Release Agent (Non-paintable) ..... 22P

YL-504B Release Agent (Paintable) ..... 22P

Hyundai Release Agent (Non-paintable) ..... 22P

Hyundai Release Agent (Paintable) ..... 22P

YL-207 Penetrant Lubircant ..... 23P

YL-308 Dry Moly Luburicant ..... 23P

YL-201 High-Viscosity Silicone Lubricant ..... 23P

YL-202 Heat-Resistant Lubricant ..... 23P

YL-502 Lubricant & Rust Inhibitor PLUS ..... 24P

YL-508A Lubricant & Rust Inhibitor ..... 24P

YL-703 Lithium Spray Grease ..... 24P

05 Welding supplies

YL-701 Slag Remover ..... 26P

YL-702 Anti-Spatter Spray ..... 26P

YL-709 Nozzle Cream (Anti-Spatter) ..... 26P

06 Non-Destructive Testing(NDT)

YL-410 GAS CHECK ..... 26P

YL-801 Crack-Check Cleaner ..... 27P

YL-802 Crack-Check Penetrant ..... 27P

YL-803 Crack-Check Developer ..... 27P

YL-806 White Undercoat ..... 29P

YL-807 Black Magentic Particle Spray ..... 29P

YL-808 Fluorescent Magnetic Particle Spray ... 29P

07 Products for Power Plant

YL-502NP Penetrant Lubricant (Non-Flammable) ..... 31P

YL-108NP Electrical Contact Cleaner (Non-Flammable) 31P

YL-109NP Dust-Free (Non-Flammable) ..... 31P

YL-207NP Penetrant Lubricant (Non-Flammable) ..... 32P

YL-403NP Metal Cleaner & Degreaser (Non-Flammable) 32P

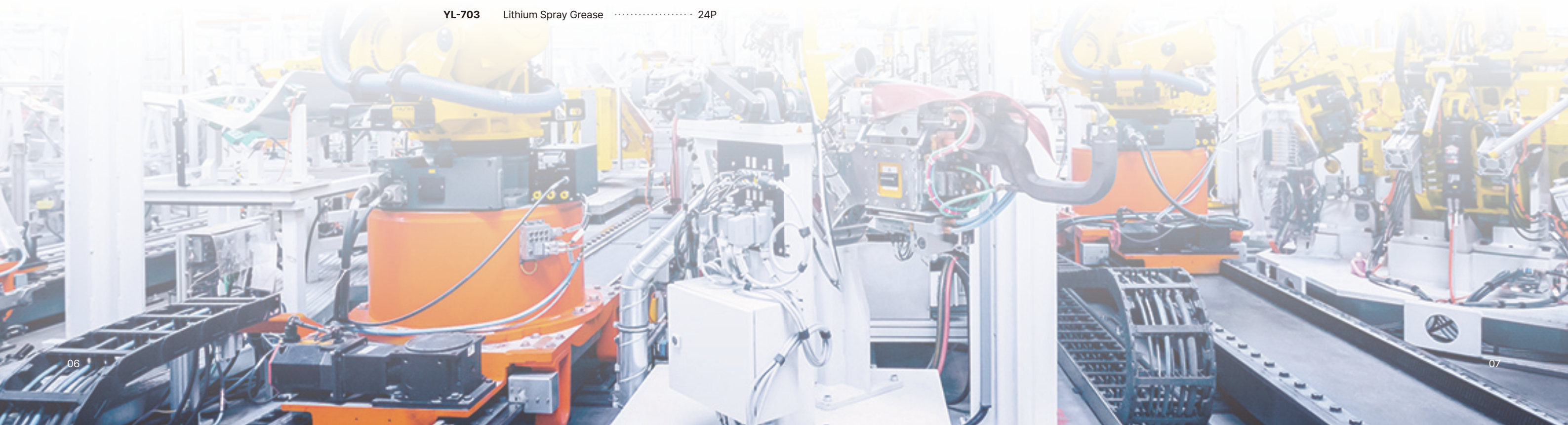
08 Chemicals for Automotive

Carburetor Cleaner ..... 34P

09 Specialized products for Industry

OP-001 Tapping Oil ..... 34P

YL-505 Spray Adhesive ..... 34P





# Youngil Spray Paint

## YL-017



### Uses (Applications)

**Surface coloring :** Metal, plastic, cement, house, furniture, ornament.  
**For repair painting :** Wood, steel structure.

## How to use

- ① Please remove dust, oil, rust, fungi, etc. on the coated face before spraying.
- ② Sufficiently shake the container upon use.
- ③ Spray at a distance of 20~30cm.
- ④ Apply thin overlap coating for 2~3 times at an interval of 10 minutes in parallel direction with the coated face as in the , rather than thick coating at one go.
- ⑤ When the contents remain after use, spray to allow only gas to come out for about 2 seconds by turning the container upside down, and properly cover the cap for storage.

### COLOR TABLE (Non-phthalate system)

Pure white	Black	Silver	Red	Yellow	Green	Deep blue	Light gray	Gray	Park gray	Cream	Ivory
YL-316	YL-305	YL-321	YL-320	YL-350	YL-319	YL-326	YL-352	YL-337	YL-342	YL-351	YL-330
Light green	Light cyan	Dark orange	Pink	Gold	Light brown	Dark brown	Kahki	Track	Navy blue	Matt white	Matt black
YL-357	YL-327	YL-322	YL-329	YL-341	YL-314	YL-313	YL-390	YL-301	YL-328	YL-315	YL-423
Clear	Matt clear	Beige									
YL-443	YL-443	YL-371									

\* Before use, check that the color and spray condition are correct and that it is suitable for the purpose of the target object before use.  
 \* Do not store inside a car or trunk during summer season.  
 \* Production on order possible Printed matter and spray color may be somewhat different.  
 \* Other colors More than 1,000 ea.

## Lead-Free Spray Paint LF-017



### Uses (Applications)

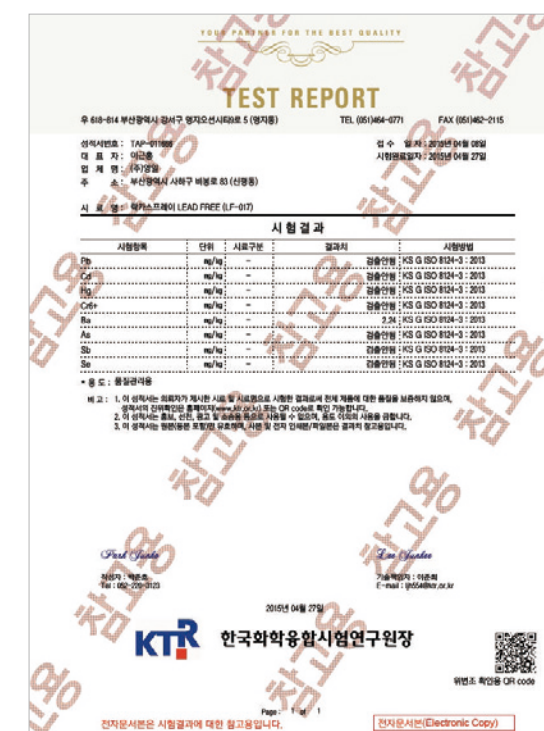
Surface coloring: Metal, plastic, cement, furniture, ornament.  
For repair painting: Wood, steel structure.

## Features

- ① Domestically first LEAD FREE(4 type heavy metals undetected) spray paint.
- ② Substances hazardous to human body undetected (VOC Low):Phthalate, heavy metals, etc.
- ③ Outstanding high gloss, continuous maintenance of colors.
- ④ Heavy metals undetected (See test report).

## COLOR TABLE

Yellow	Dark orange	Light green	Green
LF-017 -350	LF-017 -322	LF-017 -357	LF-017 -319
Park gray	Pink	Light gray	Gray
LF-017 -342	LF-017 -329	LF-017 -352	LF-017 -337





## Tree marking Paint YL-007

### Uses (Applications)

**Forest Industry** : Suitable for marking preserved trees, felled tree, logs, pulp, railroad wood, etc.  
**General use** : Ideal for locations requiring clear and specific markings such as operational area floors, asphalt, accident sites, etc.

### How to use

- ① Please remove dust, oil, rust, fungi, etc. on the coated face before spraying.
- ② Sufficiently shake the container before use.
- ③ Spray at a distance of 30~40cm.
- ④ Instead of applying thickly all at once, please apply thinly by overlapping 2-3 times with a 10-minute interval.
- ⑤ When the contents remain after use, spray to allow only gas to come out for about 2 seconds by turning the container upside down, and properly cover the cap.
- ⑥ Use after checking whether it matches with the use for the coated object prior to use.



### COLOR TABLE



- \* Colors are clear and last long as absorbance is low in the display objects such as wood, etc.
- \* It is excellent as forrest-dedicated spray, and suitable to substitute for domestically distributed imports.
- \* It is suitable for danger & safety display as the colors are clear with excellent durability.

## Tree marking Paint

## Fluorescent Spray YL-880

### Features

Fluorescent Spray(YL-880) is a high-quality fluorescent paint made with excellent weather-resistant fluorescent pigments.

### Uses (Applications)

- ① General use : For evacuation guidance markings, stairs and obstacles, emergency exit signage, interior work, and sculpture work, etc.
- ② Industrial use : For stairsm switches, safety walkways and pathways markings, safety precaution areas.
- ③ Industrial field : Used for safety markings on the rear parts of various heavy-duty vehicles such as forklifts, as well as in factories, construction sites, highway, and staircases.



### Product information

- Excellent appearance marking properties with superior weather-resistance fluorescent paint.
- Strong adhesion.
- Fast drying.
- Bright fluorescent finish.

### Precautions

- ① This should be used only for its intended purpose.
- ② Ventilation is necessary when using the cleaner.
- ③ Do not inhale it for a long period of time.
- ④ Avoid long contact with skin.
- ⑤ Test prior to applying for Fluorine resin and Fluorine rubber products, because the Fluorine solvents is used.

Fluorescent  
spray







02

# Anti-corrosion Coating agent

02

## Anti-corrosion Coating agent

YECO<sup>®</sup>



### ► Polyurethane Varnish YL-509

Aerosol 420ml/Can, 40cans/Box

Features	<p>Polyurethane varnish(YL-509) is of a high-gloss, transparent urethane varnish spray type. Using a spray type is more convenient and can shorten the working time compared to using a brush for painting.</p> <ul style="list-style-type: none"><li>• Excellent adherence.</li><li>• Excellent durability.</li><li>• Excellent adhesion.</li><li>• Outstanding gloss.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Furniture : Spray on the surfaces of wooden furniture to provide protection and gloss.</li><li>• Flooring : Coat on wooden floors to increase durability and protect the surface.</li><li>• Crafts : Protect and finish wooden crafts or sculptures.</li><li>• Doors and Windows : Coats the surfaces of wooden doors and windows, enhancing durability.</li><li>• Boats and Ships : Spray on wooden parts of boats and ships improves waterproofing and durability.</li></ul>



### ► ZINC PRIMER YL-501

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECO YL-501 is a room-temperature galvanizing method using high-purity fine- particle zinc powder,showing the effects of rust inhibition and corrosion prevention by the electrochemical action between zinc powder and metal. Excellent rust inhibition particularly for harsh environments with much salt or ease of corrosion and even already corroded surfaces.</p> <ul style="list-style-type: none"><li>• Room-temperature galvanizing method using high-purity, fine-particle zinc powder.</li><li>• Excellent adhesion strength due to the use of a special binder.</li><li>• Excellent heat resistance(250°C) and chemical resistance.</li><li>• Approved product according to the classification form of Korea.</li><li>• Very excellent rust inhibition :SST 300 hrs (KS D 9502)</li></ul>
Uses	<ul style="list-style-type: none"><li>• Vessel : Bottom and connection part of vessel, heat exchanger, water tank, drainage tank.</li><li>• Bridge : Rust inhibition for pier, wire, rope, bridge, bolts, nuts, &amp; welded part.</li><li>• Vehicle : Muffler, body, lower body, fuel tank inlet, welded parts of heavy equipment.</li><li>• Power generation : Electrical facility, telegraph transmission power, broadcasting facility.</li><li>• Building : Underground buried pipe, elbow, steel structure, fence, etc.</li></ul>



### ► Cold Silver Galvanizing YL-501S

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECO YL-501S is a silver galvanizing agent.</p> <ul style="list-style-type: none"><li>• Excellent durability, heat resistance(heat resistance 250°C)</li><li>• Galvanizing with excellent heat resistance &amp; chemical resistance for coated parts, accompanied by excellent durability.</li><li>• High-adhesion special binder plating agent for vessel, vehicle, bridge, power generation, building, etc.</li><li>• Excellent rust inhibition particularly for harsh environments with much salt or ease of corrosion or even already corroded metal surfaces.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Rust inhibition for steel materials and structures.</li><li>• Repair and substitution for zinc plating, repair and finish coating for damaged part of plating.</li><li>• Bridge, steel tower, steel automobile, railroad vehicle, gas piping, pipe, etc.</li><li>• High-temperature generation part such as automotive muffler, etc.</li></ul>





## ► Smelting Aluminum Coating Agent YL-501KL

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECCA YL-501KL is a single-component natural drying aluminum coating formulated with 99% pure aluminum powder and polymer resin. It is an effective coating for repairing minor defects in steel materials that have undergone molten aluminum plating.</p> <ul style="list-style-type: none"> <li>• Excellent durability and heat resistance(heat resistant up to 600°C)</li> <li>• Excellent durability as galvanizing for coated parts with excellent heat resistance and chemical resistance.</li> <li>• High-adhesion special binder plating agent for vessel, vehicle, bridge, power generation, building, etc.</li> <li>• Excellent rust inhibition particularly for harsh environments with much salt or ease of corrosion or even already corroded metal surfaces.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Rust inhibition for steel materials and structures.</li> <li>• Repair and substitution for zinc plating, repair and finish coating for damaged part of plating.</li> <li>• Bridge, steel tower, steel automobile, railroad vehicle, gas piping, pipe, etc.</li> <li>• High-temperature generation part such as automotive muffler, etc.</li> </ul>

## ► Anti-corrosion Primer YL-503

Aerosol 420ml/Can, 30cans/Box

Features	<p>YECCA YL-503 Anti-Corrosion Primer is the first coating step to protect metal surfaces, primarily serving to prevent metal corrosion.</p> <ul style="list-style-type: none"> <li>• Fast-drying type for easy application.</li> <li>• Vivid color.</li> <li>• Uniform coating is possible due to even particles.</li> <li>• Excellent adhesion.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Corrosion Prevention: Protects the metal from external environments that come into direct contact with the metal surface, preventing rust formation.</li> <li>• Improved Adhesion: The anti-corrosion primer enhances the adhesion between the metal surface and the subsequent topcoat paint, helping the coating last longer.</li> <li>• Surface Smoothing: Fills in minor surface irregularities or defects on the metal, allowing for a smoother and more even finish with the topcoat.</li> </ul>

## ► Black Colorant YL-506G

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECCA YL-506G is used for various metal Heat-Resistant coatings.</p> <ul style="list-style-type: none"> <li>• Heat-Resistance : 800 °C</li> <li>• Excellent resistance to water, oil and heat.</li> <li>• Black surface coating with a special Heat-Resistant resin as the main composition.</li> <li>• Solid film and excellent adherence, wear resistance.</li> <li>• Excellent rust resistance.</li> <li>• Matt type, special Heat-Resistant resin coating agent.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Iron, stainless steel, aluminum, copper and various metal surface coatings</li> <li>• Metal parts requiring heat-resistance such as Exhaust pipe, Muffler, Stove, etc.</li> <li>• Black coloring for various metals such as ferrous material, stainless steel, aluminum, etc.</li> </ul>

## ► Heat-Resistant Silver Coat YL-501S HT

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECCA Heat-Resistant Silver Coat (YL-501S HT) is a special paint made using silicone resin and heat-resistant silver pigment. It has excellent water resistance, oil resistance, and heat resistance, and can withstand temperatures up to 800°C.</p> <ul style="list-style-type: none"> <li>• Excellent resistance to water, oil and heat.</li> <li>• Heat-Resistance : 800°C</li> <li>• Solid film and excellent adherence, wear resistance.</li> <li>• Excellent rust resistance.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Industrial Machinery and Equipment Protection : Protects the surface of industrial machinery and equipment operating at high temperatures from corrosion, oxidation, and heat damage.</li> <li>• Automobile Engine and Parts Protection : Protects automobile engines, exhaust systems, turbochargers, and other components to maintain performance and extend lifespan.</li> <li>• Stove Surface Protection : Protects the surface of stoves continuously exposed to high temperatures.</li> </ul>



## ► SUS COAT YL-316B

Aerosol 420ml/Can, 20cans/Box

Features	<p>SUS COAT(YL-316B) is Stainless-Steel Coating Agent for heat resistance &amp; corrosion suppression.</p> <ul style="list-style-type: none"> <li>• Stainless pigment(thin section) becomes a continuous laminated film to completely block contacts with water or air.</li> <li>• Formation of stainless films on the surface of all materials.</li> <li>• Long-term protection : From corrosion, erosion, rust, wear, deterioration, contamination, etc. of all materials.</li> <li>• Insulation and heat retention : Due to the excellent properties of stainless steel, it reflects heat and light and provides high heat retention due to its extremely low thermal conductivity.</li> <li>• Non-conductive : Can be used for electrical and electronic components.</li> <li>• Forms a dense, continuous layered film : Offers excellent protection against damage or wear from water, moisture, and heat.</li> <li>• UV resistance and weatherproof : Protects against ultraviolet rays and atmospheric effects, maintaining its gloss for years.</li> <li>• Strong water and moisture resistance performance.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Vessel, vehicle, power generation facility, building, outdoor steel structure, various machines.</li> <li>• Boiler, heating &amp; cooling piping, ironworks, casting plant, glass plant.</li> <li>• Fuel tank, steel pipe, muffler, radiator, heating &amp; cooling equipment.</li> <li>• Surfaces of metal, wood, concrete, mortar, rubber, plastic, and paper.</li> </ul>

## ► Rust Guard (Long-term) YL-517

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECCA YL-517 forms a thin wax film on metal surfaces, effectively preventing rust and corrosion for an extended period. With excellent durability and adhesion, it is suitable for protecting metals in various environments and is convenient to use.</p> <ul style="list-style-type: none"> <li>• Long-term Anti-corrosion Effect : Provides corrosion protection for up to 3 years indoors and 2 years outdoors (WAX-based formulation).</li> <li>• Excellent Electrical Insulation.</li> <li>• Excellent long-term Anti-corrosion Performance.</li> <li>• Durable and Strong Wax Coating.</li> <li>• Resistant to Acid, Alkali and Weathering.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Long-term Anti-corrosion for Steel and Metals.</li> <li>• Outdoor Anti-corrosion for General Metals.</li> <li>• Corrosion Protection for Long-term Storage.</li> <li>• During the overseas transportation of heavy equipment</li> </ul>

## ► Mold Guard (Long-term) YL-804

Aerosol 420ml/Can, 20cans/Box

Features	<ul style="list-style-type: none"> <li>• High-power anti-corrosion agent : Strong is maintained as the Wax type of protective film forms a strong film from moisture, air, acid, alkali, salt or their vapors. Rust inhibition is maintained for 3 years indoors and for 2 years outdoors, being applied to vessel, aircraft, and various chemical plants, etc.</li> <li>• Formation of strong Wax type of film</li> <li>• Excellent water substitutability: Penetration is excellent due to a small surface tension, and high insulation action is displayed due to excellent hydrophobic nature and water substitution. Also, it is suitable for protection of electrical systems due to its excellent electrical characteristics.</li> <li>• Lubrication: It has high resistance to wear, friction, and heat, while displaying rust inhibition and lubrication due to outstanding penetration which enables swift permeation through fine gaps. It is not easily peeled due to good adhesion, protecting equipment from water or sea water.</li> <li>• Stability : As it does not contain silicone other than chlorine-based solvent, there are no ill effects on plastic, rubber, paint, fiber, electric wire, and plated part</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Long-term rust inhibition and storage of various injection molds.</li> <li>• Equipment, tools, machine, engine, and military supplies to be stored indoors and outdoors for a long term.</li> <li>• Vessel, chemical plant, and aircraft, etc. under harsh environments such as moisture, salt, etc.</li> <li>• Automobile, snow removing vehicle, military equipment, hoist, agricultural machine, railroad vehicle, etc.</li> <li>• Related indoor facility, electrical system, various transport means and electrical apparatuses.</li> </ul>





## ▶ Waterproof Sealant Spray YL-008

Aerosol 420ml/Can, 20cans/Box

## Features

YECO A YL-008 can be conveniently used for all places requiring waterproofing regardless of exposure, non-exposure, guaranteeing maximum waterproof effects as it permeates through narrow gap area with a strong permeability to form a rubbery film.

- Convenient to use as a spray type.
- Excellent weatherproofing by displaying excellent waterproof performance as a rubber-based waterproofing agent.
- Good flexibility, displaying excellent waterproof effects by deep permeation through gaps.
- Colorless, tasteless, odorless after complete drying.

## Uses

- Stone products such as rooftop floor, inner/outer wall, marble, etc.
- Prevention of condensation on wood, paper, masonry wall, wall and fungi on wall paper.
- Window gap, caulking, upper film, slate waterproofing, rubber coating.
- Waterproofing and insulation of electronic substrates.
- Rust inhibition of ferrous materials, all waterproofing other than corrosion prevention of machines.



## ▶ Varnish silicone insulation agent YL-900

Aerosol 420ml/Can, 20cans/Box

## Features

YECO A YL-900 is a room temperature curing type water-repellent insulation product. It provides an excellent moisture-resistant and insulating coating and is used for processing electrical components.

- Room temperature curing type silicone water-repellent insulation spray.
- Excellent ozone resistance, arc resistance, heat resistance, and chemical resistance.
- Superior adhesion and surface gloss. • RoHS (6 hazardous heavy metals) not detected.
- Excellent impact resistance, abrasion resistance, and vibration resistance.

## Uses

- PCB Board • Coating agent for humidity proofing and sealing protection.
- Insulation agent for Coil, Connectors, Control Box, etc.



## ▶ Polyurethane insulation agent YL-901HI

Aerosol 420ml/Can, 20cans/Box

## Features

YECO A YL-901HI is a polyurethane coating that provides excellent insulation for electrical equipment and moisture-blocking sealing effects. The coating dries quickly and forms a hard yet flexible film that can withstand salt, moisture, impact, and abrasion.

- Room temperature curing type silicone water-repellent insulation spray.
- Excellent ozone resistance, arc resistance, heat resistance, and chemical resistance.
- Superior adhesion and surface gloss. • RoHS (6 hazardous heavy metals) not detected.
- Excellent impact resistance, abrasion resistance, and vibration resistance.

## Uses

- PCB Board • Humidity-proof, sealing protection coating agent.
- Insulating agent for Coil, Connectors, Control Box, etc.



## ▶ Acrylic insulation agent YL-902

Aerosol 420ml/Can, 20cans/Box

## Features

YECO A YL-902 is a product with excellent insulation, moisture-proofing, water-repellent, and anti-dust effects. It boasts good flexibility and durability, as well as exceptional adhesion.

- Room temperature curing type silicone water-repellent insulation spray.
- Excellent ozone resistance, arc resistance, heat resistance, and chemical resistance.
- Superior adhesion and surface gloss.
- Excellent impact resistance, abrasion resistance, and vibration resistance.
- RoHS (6 hazardous heavy metals) not detected.

## Uses

- PCB Board • Coating agent for humidity proofing and sealing protection
- Insulation agent for Coil, Connectors, Control Box, etc.







## ► Powerful Mold Cleaner YL-180

Aerosol 420ml/Can, 30cans/Box

Features	<p>YECCA Powerful Mold Cleaner(YL-180) effectively removes resin, rubber, carbon, carbides and injection residues attached to the mold surface.</p> <ul style="list-style-type: none"> <li>• Excellent penetration and powerful cleaning capabilities.</li> <li>• It evaporates quickly, allowing for easy maintenance of cleanliness.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Cleaning of injection residues and carbon deposits on molds.</li> <li>• Removal of carbon residues.</li> <li>• Degreasing cleaning of all precision machinery and metals.</li> <li>• Degreasing cleaning of all metal parts and devices.</li> </ul>



## ► Electrical Contact Cleaner YL-108

Aerosol 500g/Can, 20cans/Box

Features	<p>In response to the prohibition on the production and importation of CFC-based cleaning agents, the development of alternative cleaning solutions has become essential across various industrial processes. To meet these needs, we have designed an environmentally friendly product to be applied in precision processes within SOC (Social Overhead Capital) sectors.</p> <p>Our product is a highly precise cleaning agent formulated to rapidly and effectively clean and degrease all types of contaminants and corroded contacts. Utilizing a special formula with high-purity solvents, it reduces voltage loss and enhances electrical conductivity. This cleaner swiftly removes contaminants that can cause surface leakage currents and possesses exceptional penetrating power, allowing it to clean deep within the target material.</p> <ul style="list-style-type: none"> <li>• Exceptional Penetration: Highly effective at penetrating and cleaning contaminants, making it ideal for thorough cleaning.</li> <li>• Outstanding Chemical and Thermal Stability: Exhibits excellent stability under chemical and thermal stress, ensuring reliable performance.</li> <li>• Non-Flammability: This non-flammable cleaner is safe and suitable for use across a wide range of industrial applications.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Cleansing, Lubrication, and Protection Against Corrosion for Electrical Contacts</li> <li>• Cleaning of Electrical and Electronic Products: Suitable for cleaning PCB boards, computers, various contacts, switches, and sensors.</li> <li>• Precision Machinery Cleaning: Ideal for cleaning precision devices such as cameras, instruments, watches, and lenses.</li> </ul>



## ► Metal Cleaner &amp; Degreaser(Non-Flammable) YL-403D

Aerosol 420ml/Can, 20cans/Box

Features	<p>Metal Cleaner &amp; Degreaser (YL-403D) is a chemical product used to remove oil, grease, dust, rust, and other contaminants from metal surfaces. It can be used in various industries, ensuring that metal surfaces are clean and ready for subsequent operations (e.g., painting, welding, bonding). Additionally, it evaporates quickly, requiring no separate drying process, and as a non-flammable cleaner, it can be safely used while the equipment is in operation.</p> <ul style="list-style-type: none"> <li>• Safe to use while equipment is in operation as a non-flammable cleaner.</li> <li>• Quick cleaning due to its strong penetration power. • No stains left after drying.</li> <li>• No need to disassemble or assemble the machine.</li> <li>• Evaporates quickly, requiring no separate drying process.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Oil and Grease Removal: Effectively removes oil, grease, and lubricants from metal surfaces.</li> <li>• Rust Removal: Removes rust from corroded metal surfaces, extending the lifespan of the metal.</li> <li>• Cleaning: Removes general dust and contaminants from metal parts and equipment.</li> <li>• Surface Preparation: Prepares metal surfaces for painting, coating, welding, and bonding by cleaning them thoroughly.</li> <li>• Automotive, Industrial, Marine and Aviation, Precision Equipment</li> </ul>



## ► Dust-Free (Air Duster) YL-109

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECCA YL-109 is a non-flammable powerful dust remover used for parts in electrical, electronic, and measuring devices.</p> <ul style="list-style-type: none"> <li>• Non-flammable product.</li> <li>• Compressed air: Contains high-pressure compressed air in an aerosol can, providing powerful spraying power.</li> <li>• Nozzle: A long nozzle is provided, making it easy to remove dust from narrow gaps and hard-to-reach places.</li> <li>• Convenience: Easy to use, allowing anyone to use it effortlessly.</li> <li>• No residue: Leaves no residue after spraying, making it safe for sensitive electronic devices.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Computer and Peripherals • Electronic Devices • Home Appliances</li> <li>• Factory Machines: Removes dust from precise parts.</li> <li>• Musical Instruments: Removes dust around buttons and ports of electronic instruments.</li> </ul>



## ► Sticker Remover YL-600L

Aerosol 420ml/Can, 20cans/Box

Features	<p>Sticker Remover(YL-600L) is a cleaning agent with vegetable low emission and low irritability, using orange extract as the main raw material.</p> <ul style="list-style-type: none"> <li>• Vegetable-based, low-irritant detergent.</li> <li>• Sticker marks can be removed without any spreading phenomenon.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Removal of adhesives, stickers, industrial bond m arks, tar, grease, oil, gum, wax, etc.</li> <li>• Cleaning of pen marks, ballpoint ink stains, and other contaminants.</li> <li>• Removal of stubborn grease stains on kitchen tiles and ventilator.</li> </ul>



## ► Paint &amp; Gasket Remover YL-601D

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECCA YL-601D is versatile product designed to safely and effectively remove gaskets, paint, enamel, adhesive residues, and mold injection carbides from all types of metals. It is formulated to ensure strong stripping power and can easily tackle tough residues.</p> <ul style="list-style-type: none"> <li>• Powerful Penetration and Dissolving Power. • Safe on All Metals.</li> <li>• Non-carcinogenic Compounds. • High Fluidity.</li> <li>• Quick Dissolving Action. • Low Irritation.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Peeling of enamel, paint, epoxy, polyurethane, acrylic, etc.</li> <li>• Peeling of gaskets and sealants.</li> <li>• Removal of mold deposits during injection molding</li> <li>• Removal of carbon residues and heat-set oils.</li> </ul>



## ► Multi-Purpose Cleaner YL-100

Spray 500ml/Bottle, 20EA/Box

Features	<p>YECCA YL-100 is a water-soluble detergent with low irritability, non-corrosiveness, nonflammability. It is safe under long-term storage as oxidation suppressor is added, while having no change in the quality even when frozen in winter season. It has advantages of being applicable to all cleaning processes of general industry. It is biodegradable so that it can be used in environments with confidence. It is used throughout the whole industry including ferrous metals, nonferrous metals as well as electronic components, and causes no damage to paint, rubber, plastic, and plated surfaces.</p>
Uses	<ul style="list-style-type: none"> <li>• Ventilator, home appliance, OA instrument surface, bathroom tiles, etc.</li> <li>• Industrial instruments, sports supplies, indoor of vessel, etc.</li> <li>• Cleaning and degreasing of all metal parts and apparatuses, etc.</li> </ul>



# 03

## Cleaner

Cleaner

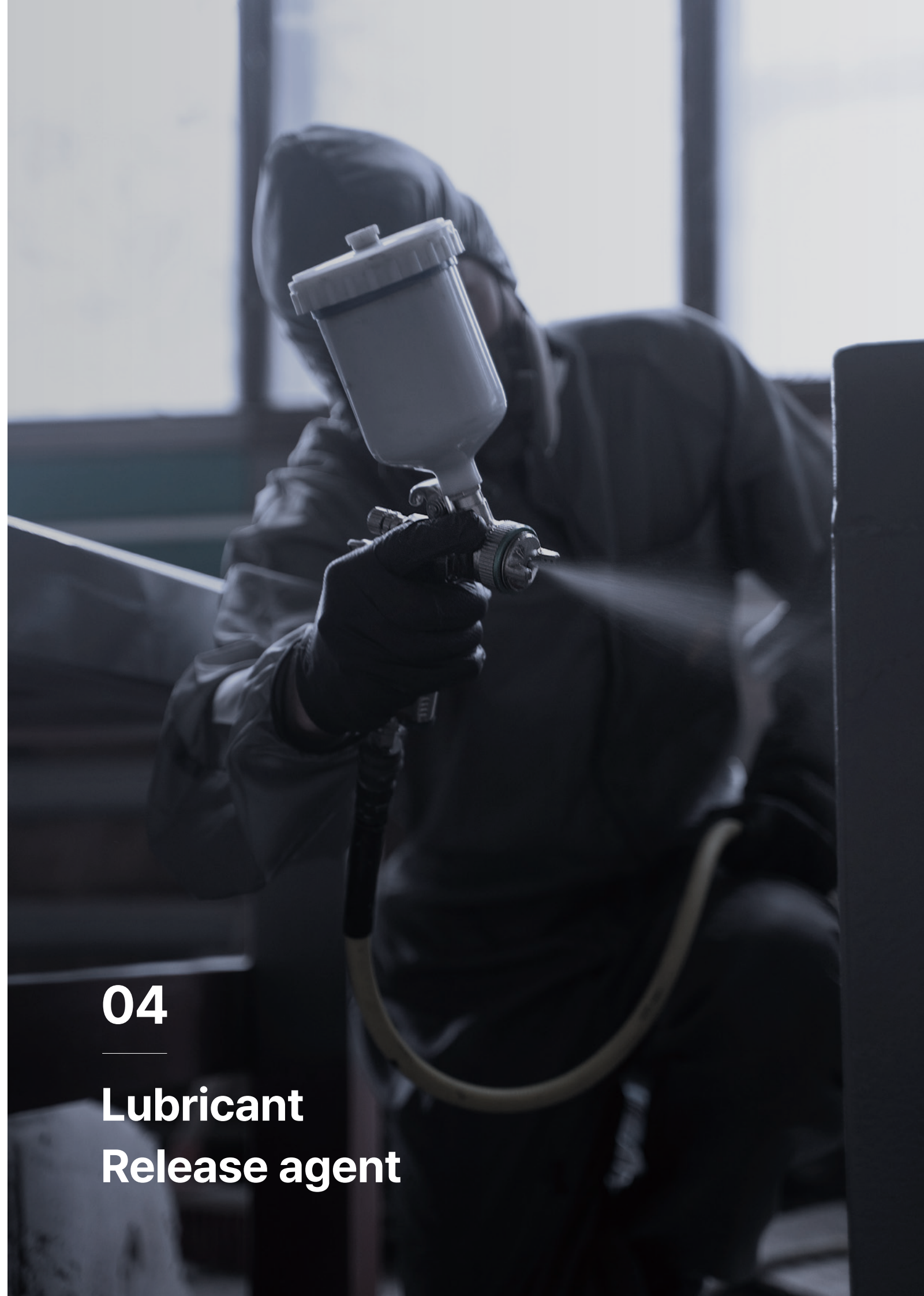


► Metal Cleaner & Degreaser(Flammable) YL-403P <span>Aerosol 420ml/Can, 20cans/Box</span>	
Features	<p>Metal Cleaner &amp; Degreaser (YL-403P) features excellent penetration and cleaning power, allowing it to quickly penetrate even the deepest parts of complex equipment and provide powerful cleaning. As a result, there is no need to disassemble or reassemble the machinery, saving both time and costs. Additionally, it evaporates quickly, eliminating the need for a separate drying process.</p> <ul style="list-style-type: none"> <li>• Quick cleaning due to strong penetration power.</li> <li>• No residue after drying.</li> <li>• No need to disassemble or reassemble machinery.</li> <li>• Quick evaporation, so no separate drying process is required.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Cleaning and degreasing of all metal parts and equipment.</li> <li>• Cleaning and degreasing of crankcases, engines, brake linings, springs, and carburetor system components.</li> <li>• Degreasing and cleaning of various valves and bearings.</li> <li>• Cleaning of electric motors, generators, and engines.</li> <li>• Removal of oil and light carbon deposits from various nozzles.</li> <li>• Removal of oil and contaminants adhered to various parts of internal combustion engines.</li> <li>• Maintenance of petroleum pipelines.</li> <li>• Pre-treatment process for painting and chemical treatment of various metals.</li> </ul>



# 04

## Lubricant Release agent





► Release Agent (Non-paintable) **YL-504A**

Aerosol 420ml/Can, 30cans/Box

Features	YECO A YL-504A is non-paintable 1st release agent.	
	<ul style="list-style-type: none"> <li>• Non-Paintable.</li> <li>• Suitable for precision molds.</li> <li>• Leaves no residue.</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent release properties.</li> <li>• Non-corrosive to molds.</li> <li>• RoHS(6 type hazardous substances) undetected.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Injection Molding : Used to easily remove plastic or rubber parts from molds without damage.</li> <li>• Epoxy resin, phenolic resin, melamine resin, PVC resin, etc.</li> </ul>	

► Release Agent (Paintable) **YL-504B**

Aerosol 420ml/Can, 30cans/Box

Features	YECO A YL-504B is paintable 2nd release agent.	
	<ul style="list-style-type: none"> <li>• Paintable.</li> <li>• Suitable for precision molds.</li> <li>• Leaves no residue.</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent release properties.</li> <li>• Non-corrosive to molds.</li> <li>• RoHS(6 type hazardous substances) undetected.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Injection Molding : Used to easily remove plastic or rubber parts from molds without damage.</li> <li>• Epoxy resin, phenolic resin, melamine resin, PVC resin, etc.</li> </ul>	

## ► Hyundai Release Agent (Non-paintable)

Aerosol 420ml/Can, 30cans/Box

Features	YECO A Hyundai Release agent is non-paintable 1st release agent.	
	<ul style="list-style-type: none"> <li>• Non-Paintable.</li> <li>• Suitable for precision molds.</li> <li>• Leaves no residue.</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent release properties.</li> <li>• Non-corrosive to molds.</li> <li>• RoHS(6 type hazardous substances) undetected.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Injection Molding : Used to easily remove plastic or rubber parts from molds without damage.</li> <li>• Epoxy resin, phenolic resin, melamine resin, PVC resin, etc.</li> </ul>	

## ► Hyundai Release Agent (Paintable)

Aerosol 420ml/Can, 30cans/Box

Features	YECO A Hyundai Release agent is paintable 2nd release agent.	
	<ul style="list-style-type: none"> <li>• Paintable.</li> <li>• Suitable for precision molds.</li> <li>• Leaves no residue.</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent release properties.</li> <li>• Non-corrosive to molds.</li> <li>• RoHS(6 type hazardous substances) undetected.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Injection Molding : Used to easily remove plastic or rubber parts from molds without damage.</li> <li>• Epoxy resin, phenolic resin, melamine resin, PVC resin, etc.</li> </ul>	

► Penetrant Lubricant **YL-207**

Aerosol 420ml/Can, 20cans/Box

Features	Penetrating lubricant is a high-performance penetrating lubricant that prevents internal components from overheating, wearing out, sticking, and also reduces noise. • Penetration • Lubrication • Anti-corrosion Effect • Versatility
Uses	<ul style="list-style-type: none"> <li>• Removes rust and corrosion from metal parts, particularly useful for loosening seized screws and bolts.</li> <li>• Cleans grease, grime, rust, and corrosion-related impurities from machinery and equipment.</li> <li>• Automotive • Tools and Machinery • Household • Industrial • Marine and Aviation</li> </ul>

► Dry Moly Lubricant **YL-308**

Aerosol 420ml/Can, 20cans/Box

Features	Dry Moly Lubricant (YL-308) is a specialized lubricant based on molybdenum disulfide(MoS <sub>2</sub> ) that delivers exceptional performance in high-temperature, high-pressure, and high-friction environments. • Fast drying film resists dirt and dust build up. • Maintain lubricant at high pressure, water, and corrosion. • High anti-friction and anti-seizure properties.
Uses	<ul style="list-style-type: none"> <li>• High-Temperature Environments : Provides stable lubrication in high-temperature conditions, maintaining performance even when liquid lubricants evaporate or break down.</li> <li>• High pressure and Heavy load : Reduces wear and ensures continuous lubrication under high pressure and heavy load conditions.</li> <li>• Sliding and Rotating Components : Minimizes friction in sliding and rotating parts, supporting smooth and efficient movement.</li> <li>• Gears and Chains : Reduces friction in gears and chains, ensuring smooth and reliable operation.</li> <li>• Severe Wear and Friction Conditions : Protects components under extreme wear and friction, preventing performance degradation.</li> </ul>

► High-Viscosity Silicone Lubricant **YL-201**

Aerosol 420ml/Can, 20cans/Box

Features	YECO A High-Viscosity Silicone Lubricant (YL-201) is a lubricant with excellent heat resistance, cold resistance, and chemical resistance, making it suitable for use across various industries. • Colorless and transparent with excellent release properties. • Superior cold and heat resistance : Operates effectively in temperatures ranging from -30°C to 200°C. • Available in various viscosities with minimal impact from temperature changes. • Low vapor pressure and freezing point. • Outstanding thermal oxidation stability, providing a good shine. • Excellent electrical insulation. • Non-corrosive. • Superior chemical stability.
Uses	• Synthetic fiber for high temperatures. • Heat-resistant parts.

► Heat-Resistant Lubricant **YL-202**

Aerosol 420ml/Can, 20cans/Box

Features	Lubricant and release agent manufactured for special purposes. • Even at a high temperature of 250°C, the oil does not solidify or dry out, providing lubrication and release properties. • Excellent heat-resistance(Heat resistance temperature : 250°C).
Uses	<ul style="list-style-type: none"> <li>• High-temperature synthetic fibers.</li> <li>• Heat-resistant components (lubrication and release between metals in environments with high temperature and high load).</li> </ul>





## ► Lubricant &amp; Rust Inhibitor PLUS YL-502

Aerosol 360ml/Can, 24cans/Box

## Features

- YECO A YL-502(Lubricant & Rust Inhibitor PLUS) forms a thin oil film on metal surfaces, serving as a lubricant, anti-rust, and penetrating agent that protects all types of metals. Additionally, it has improved convenience, allowing for easy spraying from any direction.
- Useful for disassembling machines, bolts, and nuts that are stuck due to rust or corrosion.
  - Effective in preventing squeaking or noise in car door gaps.
  - Provides lubrication for metals, plastics, and more.
  - An optimal product for rust prevention of equipment and machinery.
  - A high-performance lubricant with special additives mixed into the lubricating oil.
  - Can be sprayed from any direction.

## Uses

- Disassembly of stuck bolts and nuts.
- Cleaning grease, oil stains, rust, and corrosion from machines and equipment.
- Maintenance of automobiles and diesel locomotives.
- Maintenance of military equipment.
- Maintenance of communication equipment on land, high altitude, and marine environments.
- Maintenance of equipment: airplanes, cars, elevators, hoists, air tools, and electrical equipment.
- Maintenance of machinery and devices in various fields such as industrial, marine, agricultural, transport, and home appliances.



## ► Lubricant &amp; Rust Inhibitor YL-508A

Aerosol 360ml/Can, 24cans/Box

## Features

- YECO A YL-508A is a LUBRICANT & RUST INHIBITOR for various industrial machine · equipment and household instruments, etc.
- Lubrication action due to friction of metal, plastic, etc.
  - Rust removal and prevention for machinery equipment.

## Uses

- Disassembly of bound bolts and nuts.
- Noise Reduction for Machinery.
- Cleaning of grease, oil stain, rust, corrosion products from machine and equipment.
- Maintenance & repair of military equipment.
- Maintenance & Repair Equipment : Aircraft, Automobiles, Elevators, Hoists, Pneumatic Tools, Electrical Equipment.
- Mechanical equipment for various fields such as industrial, maritime, agricultural, transportation, etc.



## ► Lithium Spray Grease YL-703

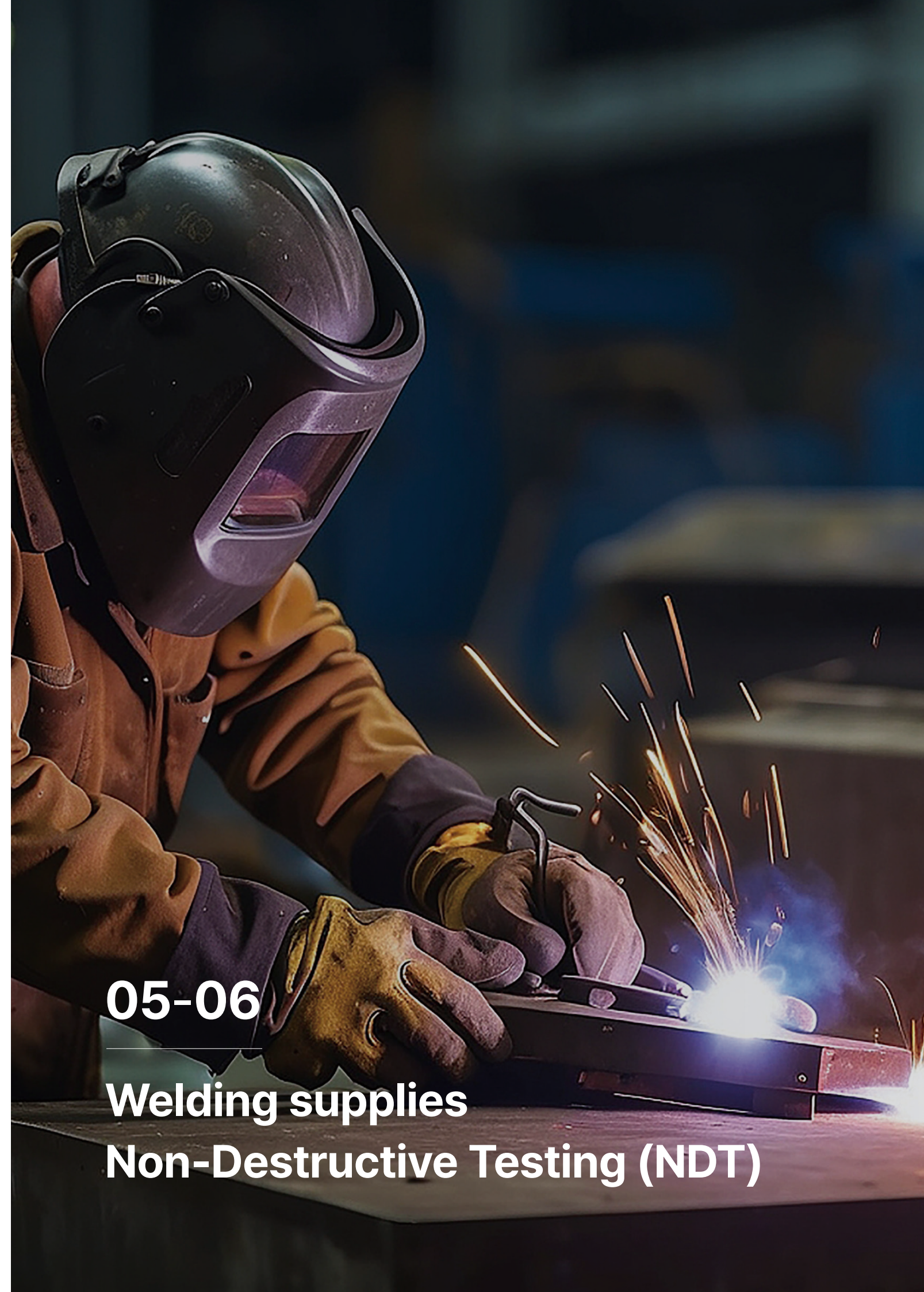
Aerosol 420ml/Can, 20cans/Box

## Features

- YECO A YL-703 is a lithium spray grease that demonstrates excellent performance in various industrial machinery and equipment.
- Excellent long-term lubrication and anti-corrosion properties.
  - Outstanding durability.
  - Corrosion prevention.
  - Excellent reduction of mechanical noise.

## Uses

- Bearings and Shafts : Supports smooth operation and reduces wear of shafts and bearings, even in high-temperature and high-pressure environments.
- Gears and Gearboxes : Reduces friction in gears, ensuring smooth and efficient operation.
- Heavy Equipment : Provides lubrication and protection for various parts of construction machinery, agricultural machinery, and other heavy-duty equipment.
- Door Hinges and Rails : Facilitates smooth opening and closing of doors and windows in homes, and reduces noise in vehicle doors.
- Provides lubrication for a wide range of devices, enhancing performance and reducing wear.



05-06

Welding supplies  
Non-Destructive Testing (NDT)





## ► Slag Remover YL-701

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECO A YL-701 has good liquidity for welding Slag, and excellent peeling characteristics of slag lump.</p> <ul style="list-style-type: none"> <li>• Safe for metals due to non-corrosiveness. • Excellent permeability.</li> <li>• Satisfactory surface states.</li> <li>• Outstanding peeling characteristics of Slag as compared with the past (more than 3 times)</li> <li>• No occurrence of Blow Hole (in the case of 2 Pieces)</li> <li>• Satisfactory peeling characteristics of Slag at base metal temperature of 60°C Slug remover for manual welding.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Semi-automatic welding, automatic welding, etc.</li> </ul>



## ► Anti-Spatter Spray YL-702

Aerosol 420ml/Can, 20cans/Box

Features	<p>YECO A YL-702 effectively prevents spatter adhesion, helping to avoid painting defects after work and reducing product damage and unnecessary tasks. This product combines safety and efficiency, playing an important role in improving productivity and enhancing the work environment.</p> <ul style="list-style-type: none"> <li>• Excellent in preventing the adhesion of welding impurities.</li> <li>• No negative impact on welding quality.</li> <li>• Prevents painting defects after welding.</li> <li>• Dries quickly and has excellent spreading properties.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Prevents adhesion of welding impurities during welding of steel and stainless steel.</li> <li>• Applicable to: pipes, plates, thick plates, steel structures, etc.</li> </ul>



## ► Nozzle Cream (Anti-Spatter) YL-709

300g / can

Features	<p>YECO A Nozzle Cream is used to prevent spatter from adhering to the nozzle during welding and soldering, extending the nozzle's lifespan and improving work quality.</p> <ul style="list-style-type: none"> <li>• Excellent prevention of welding impurities adhesion. • No adverse effects on welding.</li> <li>• Extends the lifespan of the nozzle. • Low odor and gas emission. • Easy to use.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• It is used to prevent spatter adhesion on welding torches.</li> </ul>



## ► GAS CHECK YL-410

Spray 450ml/Bottle, 20cans/Box

Features	<p>YECO A YL-410 is a checkup liquid for gas leakage of aerosol type allowing anybody to conveniently and swiftly discover places of gas leakage. The checkup liquid has no risk due to chemical reaction as a performance of fire-extinguisher, does not cause damages to plastic, rubber, or painted face.</p> <ul style="list-style-type: none"> <li>• No corrosiveness for metals and hoses. • Fine leakages sensed.</li> <li>• odorless, non-toxic, unpolluting propellants used.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Power generation plants or plants using various high-pressure gases.</li> <li>• Places with a risk of gas leakage, connecting parts in gas piping, valve, rubber hose joint, gas piping intersection.</li> <li>• Gas leakage check for air conditioner, piping unit using LPG and LNG</li> </ul>



## ► Crack-Check Cleaner YL-801

Aerosol 450ml/Can, 20cans/Box

Features	<p>YECO A YL-801, YL-802, YL-803 is a PT(Pentrant Test) requiring absolutely no special apparatuses.</p> <ul style="list-style-type: none"> <li>• Since handling and operation are simple, general public can use it easily.</li> <li>• Since fine defects impossible to visual identify are revealed in clear red color allowing visual identification, the defects can be easily discovered for checking without omission.</li> <li>• In can be used irrespective of materials or shapes of the inspection object.</li> <li>• Being One Touch Aerosol Type, it is easy to use and convenient to carry.</li> <li>• As no corrosive raw materials are used, it is safe to be used for easily corroded aluminum alloys and magnesium alloys. • Results of the inspection are preserved as is unless wiped off.</li> <li>• Even very fine defects are easily detected. • There is no corrosiveness for various metals.</li> <li>• It is easy and convenient to use for everyone. ①, ② cleaner is sprayed directly onto the inspection object surface from a distance of 10~20cm to cleanly remove foreign objects such as filth, etc.</li> <li>• After ② penetrant liquid is sprayed, it is allowed to permeate for about 10~20 minutes.</li> <li>• With ①, ② being smeared onto a cloth or tissue paper, the sprayed part is cleanly removed.</li> <li>• When ③ inspection part is sprayed with the developer, it becomes CRACK CHECK.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• For liquid penetration testing of cast parts, forged parts, welded areas, water leak inspection, etc.</li> </ul>



## ► Crack-Check Penetrant YL-802

Aerosol 450ml/Can, 20cans/Box

Features	<p>YECO A YL-801, YL-802, YL-803 is a PT(Pentrant Test) requiring absolutely no special apparatuses.</p> <ul style="list-style-type: none"> <li>• Since handling and operation are simple, general public can use it easily.</li> <li>• Since fine defects impossible to visual identify are revealed in clear red color allowing visual identification, the defects can be easily discovered for checking without omission.</li> <li>• In can be used irrespective of materials or shapes of the inspection object.</li> <li>• Being One Touch Aerosol Type, it is easy to use and convenient to carry.</li> <li>• As no corrosive raw materials are used, it is safe to be used for easily corroded aluminum alloys and magnesium alloys. • Results of the inspection are preserved as is unless wiped off.</li> <li>• Even very fine defects are easily detected. • There is no corrosiveness for various metals.</li> <li>• It is easy and convenient to use for everyone. ①, ② cleaner is sprayed directly onto the inspection object surface from a distance of 10~20cm to cleanly remove foreign objects such as filth, etc.</li> <li>• After ② penetrant liquid is sprayed, it is allowed to permeate for about 10~20 minutes.</li> <li>• With ①, ② being smeared onto a cloth or tissue paper, the sprayed part is cleanly removed.</li> <li>• When ③ inspection part is sprayed with the developer, it becomes CRACK CHECK.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• For liquid penetration testing of cast parts, forged parts, welded areas, water leak inspection, etc.</li> </ul>



## ► Crack-Check Developer YL-803

Aerosol 450ml/Can, 20cans/Box

Features	<p>YECO A YL-801, YL-802, YL-803 is a PT(Pentrant Test) requiring absolutely no special apparatuses.</p> <ul style="list-style-type: none"> <li>• Since handling and operation are simple, general public can use it easily.</li> <li>• Since fine defects impossible to visual identify are revealed in clear red color allowing visual identification, the defects can be easily discovered for checking without omission.</li> <li>• In can be used irrespective of materials or shapes of the inspection object.</li> <li>• Being One Touch Aerosol Type, it is easy to use and convenient to carry.</li> <li>• As no corrosive raw materials are used, it is safe to be used for easily corroded aluminum alloys and magnesium alloys. • Results of the inspection are preserved as is unless wiped off.</li> <li>• Even very fine defects are easily detected. • There is no corrosiveness for various metals.</li> <li>• It is easy and convenient to use for everyone. ①, ② cleaner is sprayed directly onto the inspection object surface from a distance of 10~20cm to cleanly remove foreign objects such as filth, etc.</li> <li>• After ② penetrant liquid is sprayed, it is allowed to permeate for about 10~20 minutes.</li> <li>• With ①, ② being smeared onto a cloth or tissue paper, the sprayed part is cleanly removed.</li> <li>• When ③ inspection part is sprayed with the developer, it becomes CRACK CHECK.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• For liquid penetration testing of cast parts, forged parts, welded areas, water leak inspection, etc.</li> </ul>



## ► The use of liquid penetrant testing

**1. Pre-treatment : Cleaner Spray**

- It is a pre-treating process, it for inspection parts as the most important process in dye the penetration test.
- In particular, it is an operation of removing foreign objects such as oil, grease, water, etc. From the inspected part with wiping off using a cloth after spraying the cleaning solution (YL-801).

**2. Penetration : Penetrant Spray**

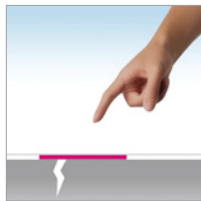
- When the surface is cleaned and dried by the pre-treatment process, the penetrant liquid (YL-802) is coated onto the inspected surface.
- At this time, a time should be taken to allow the penetrant liquid to permeate through the defective areas.

**3. Cleaning : Cleaner Spray**

- It is the most sensitive stage among inspection stages, where excessively coated penetrant liquid is processed with a cleaning solution while care is taken not to remove the penetrant liquid having permeated to the defective area.

**4. Development : Developer Spray**

- After safe removal of residual red penetrant liquid, the face to be inspected is uniformly coated with a developer solution (YL-803). (Red penetrant liquid adsorbed and emerged)

**5. Observation (Reading)**

- After a sufficient time is allowed to elapse following coating of the developer solution, the inspection part is visually read.
- For the parts where red color has oozed out, type, size, depth, etc. are determined by its shape and size.

**6. Inspection**

- As the last process, the developer solution and the penetrant liquid remaining in the inspected part are cleanly wiped off using a cleaning liquid.

**Usage**

- For liquid penetration testing of cast parts, forged parts, welded areas, water leak inspection, etc.

**Packaging unit**

- Aerosol 450ml/Can, 20cans/Box

## ► White Undercoat YL-806

Aerosol 450ml/Can, 20cans/Box

**Features**

- General magnetic particle inspection involves evenly applying White Undercoat (YL-806) to the surface of the test object, allowing it to dry, and then spraying with general magnetic particles (YL-807) for inspection. This process enhances surface contrast, enabling more accurate detection of fine defects.
- Inspection Principle : MT (Magnetic Particle Testing) is a non-destructive testing method where a magnetic field is applied to a ferromagnetic material. Magnetic particles accumulate at areas where magnetic leakage fields occur due to defects, making surface and near-surface defects visible.
  - When the surface of the test object is rough or the color is opaque, white paint (YL-806) is applied before inspection.
  - It provides excellent contrast, enabling accurate detection of even fine defects on rough or opaque surfaces.
  - Dries quickly and is easily removed during post-processing.

**Uses**

- Wet magnetic particle inspection method.
- To maximize the color contrast of general magnetic particles (YL-807).



## ► Black Magentic Particle Spray YL-807

Aerosol 450ml/Can, 20cans/Box , 6cans/Box

**Features**

- YECO A YL-807 is a high-precision, high-sensitivity general magnetic particle inspection (MPI) agent that uses black magnetic particles and performs inspections under white light. This product is a high boiling point, oil-based type that is non-corrosive and low in toxicity. It includes a special dispersant that allows for even application when sprayed, making it economical and efficient to use. YL-807 is suitable for detecting surface and near-surface internal defects and is ideal for inspecting defects during processing and in final products.
- Inspection Principle : MT (Magnetic Particle Testing) is a non-destructive testing method where a magnetic field is applied to a ferromagnetic material, causing magnetic particles to gather at areas where leakage fields occur due to defects. This allows for the visual detection of surface and near-surface defects.
  - Visual inspection of the test area is possible.
  - Non-corrosive, low toxicity, high boiling point, oil-based type.

**Uses**

- Wet Magnetic Particle Inspection Method
- Detection of Fine Flaws and Cracks: Seams, Shrinkage Cracks, Tears, Laps, Flakes, Welding Defects, Grinding Cracks, Quenching Cracks, Fatigue Cracks, etc.



## ► Fluorescent Magnetic Particle Spray YL-808

Aerosol 450ml/Can, 20cans/Box , 6cans/Box

**Features**

- YECO A YL-808 is a high-sensitivity fluorescent magnetic particle that exhibits fluorescent coloration under Black light (UV wavelength 365nm). It is a non-corrosive, low-toxicity, high-boiling-point oil-based type, and with the addition of a special dispersant and refined fluorescent magnetic particles, it ensures even application during spraying and provides clear defect detection.
- Inspection Principle : MT (Magnetic Particle Testing) is a non-destructive testing method that visually detects surface and near-surface defects by applying a magnetic field to a ferromagnetic material, causing magnetic particles to gather at leakage fields formed by defects.
  - Even application using a special dispersant and refined fluorescent magnetic particles.
  - Reliable detection of fine cracks in dark work environments.

**Uses**

- Wet Magnetic Particle Inspection Method
- Surface and Near-Surface Defect Detection: Used to detect defects on or near the surface of ferromagnetic materials. Under Black light (UV light), fluorescent magnetic particles gather at the defect sites, making them easily identifiable.
- Dark Work Environments: Effective in identifying defects even in dark work environments due to the fluorescent reaction.
- Detection of Fine Flaws and Cracks : Seams, Shrinkage Cracks, Tears, Laps, Flakes Welding Defects, Grinding Cracks, Quenching Cracks, Fatigue Cracks, etc.







07

# Products for Power Plant

07

## Products for Power Plant



► Penetrant Lubricant(Non-Flammable) **YL-502NP** Aerosol 400g/Can, 20cans/Box

Features	<p>Penetrating lubricant is a high-performance penetrating lubricant that prevents internal components from overheating, wearing out, sticking, and also reduces noise.</p> <ul style="list-style-type: none"><li>• Penetration: With high penetration power, it easily seeps into and removes rust and debris from gaps in metal parts.</li><li>• Lubrication: It provides a lubricating effect, reducing friction between parts and allowing for smooth operation.</li><li>• Anti-corrosion Effect: After use, it forms an anti-corrosion layer on the metal surface, preventing rust and corrosion.</li><li>• Versatility: It can be used on various metal parts and is useful in multiple fields such as home, automotive, bicycle, and factory machinery.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Removes rust and corrosion from metal parts, particularly useful for loosening seized screws and bolts.</li><li>• Cleans grease, grime, rust, and corrosion-related impurities from machinery and equipment.</li><li>• Power Plants , Automotive, Tools and Machinery, Household, Industrial, Marine and Aviation.</li></ul>

► Electrical Contact Cleaner(Non-Flammable) **YL-108NP** Aerosol 500g/Can, 20cans/Box

Features	<p>In response to the prohibition on the production and importation of CFC-based cleaning agents, the development of alternative cleaning solutions has become essential across various industrial processes. To meet these needs, we have designed an environmentally friendly product to be applied in precision processes within SOC (Social Overhead Capital) sectors.</p> <p>Our product is a highly precise cleaning agent formulated to rapidly and effectively clean and degrease all types of contaminants and corroded contacts. Utilizing a special formula with high-purity solvents, it reduces voltage loss and enhances electrical conductivity. This cleaner swiftly removes contaminants that can cause surface leakage currents and possesses exceptional penetrating power, allowing it to clean deep within the target material.</p> <ul style="list-style-type: none"><li>• Exceptional Penetration: Highly effective at penetrating and cleaning contaminants, making it ideal for thorough cleaning.</li><li>• Outstanding Chemical and Thermal Stability: Exhibits excellent stability under chemical and thermal stress, ensuring reliable performance.</li><li>• Non-Flammability: This non-flammable cleaner is safe and suitable for use across a wide range of industrial applications.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Cleansing, Lubrication, and Protection Against Corrosion for Electrical Contacts</li><li>• Cleaning of Electrical and Electronic Products: Suitable for cleaning PCB boards, computers, various contacts, switches, and sensors.</li><li>• Precision Machinery Cleaning: Ideal for cleaning precision devices such as cameras, instruments, watches, and lenses.</li></ul>

► Dust-Free (Non-Flammable) **YL-109NP** Aerosol 400g/Can, 20cans/Box

Features	<p>YECOA YL-109NP is a non-flammable powerful dust remover used for parts in electrical, electronic, and measuring devices.</p> <ul style="list-style-type: none"><li>• Non-flammable product.</li><li>• Compressed air: Contains high-pressure compressed air in an aerosol can, providing powerful spraying power.</li><li>• Nozzle: A long nozzle is provided, making it easy to remove dust from narrow gaps and hard-to-reach places.</li><li>• Convenience: Easy to use, allowing anyone to use it effortlessly.</li><li>• No residue: Leaves no residue after spraying, making it safe for sensitive electronic devices.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Computer and Peripherals   • Electronic Devices   • Home Appliances</li><li>• Factory Machines: Removes dust from precise parts.</li><li>• Musical Instruments: Removes dust around buttons and ports of electronic instruments.</li></ul>





► Penetrant Lubricant(Non-Flammable) YL-207NP <span>Aerosol 420ml/Can, 20cans/Box</span>	
Features	<p>Penetrating lubricant is a high-performance penetrating lubricant that prevents internal components from overheating, wearing out, sticking, and also reduces noise.</p> <ul style="list-style-type: none"><li>• Penetration: With high penetration power, it easily seeps into and removes rust and debris from gaps in metal parts.</li><li>• Lubrication: It provides a lubricating effect, reducing friction between parts and allowing for smooth operation.</li><li>• Anti-corrosion Effect: After use, it forms an anti-corrosion layer on the metal surface, preventing rust and corrosion.</li><li>• Versatility: It can be used on various metal parts and is useful in multiple fields such as home, automotive, bicycle, and factory machinery.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Removes rust and corrosion from metal parts, particularly useful for loosening seized screws and bolts.</li><li>• Cleans grease, grime, rust, and corrosion-related impurities from machinery and equipment.</li><li>• Power Plants , Automotive, Tools and Machinery, Household, Industrial, Marine and Aviation.</li></ul>



► Metal Cleaner & Degreaser (Non-Flammable) YL-403NP <span>Aerosol 500g/Can, 20cans/Box</span>	
Features	<p>Metal Cleaner &amp; Degreaser (YL-403NP) is a chemical product used to remove oil, grease, dust, rust, and other contaminants from metal surfaces. It can be used in various industries, ensuring that metal surfaces are clean and ready for subsequent operations (e.g., painting, welding, bonding). Additionally, it evaporates quickly, requiring no separate drying process, and as a non-flammable cleaner, it can be safely used while the equipment is in operation.</p> <ul style="list-style-type: none"><li>• Safe to use while equipment is in operation as a non-flammable cleaner.</li><li>• Quick cleaning due to its strong penetration power.</li><li>• No stains left after drying.</li><li>• No need to disassemble or assemble the machine.</li><li>• Evaporates quickly, requiring no separate drying process.</li></ul>
Uses	<ul style="list-style-type: none"><li>• Oil and Grease Removal: Effectively removes oil, grease, and lubricants from metal surfaces.</li><li>• Rust Removal: Removes rust from corroded metal surfaces, extending the lifespan of the metal.</li><li>• Cleaning: Removes general dust and contaminants from metal parts and equipment.</li><li>• Surface Preparation: Prepares metal surfaces for painting, coating, welding, and bonding by cleaning them thoroughly.</li><li>• Power Plants, Automotive, Industrial, Marine and Aviation, Precision Equipment.</li></ul>





# 08

## Chemicals for Automotive



### Chemicals for Automotive

#### ► Carburetor Cleaner

Aerosol 550ml/Can, 20cans/Box

Features	<p>YECO Carburetor Cleaner removes dirt, oil, and carbon deposits inside and outside the carburetor, ensuring smooth fuel flow and optimizing engine performance.</p> <ul style="list-style-type: none"> <li>• It helps the engine operate at optimal performance by appropriately adjusting the mixture of fuel and air.</li> <li>• It enhances fuel efficiency and improves engine responsiveness.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Automobile and Motorcycle Carburetors : Removes oil residue and carbon deposits inside the carburetor to ensure smooth fuel flow and improve fuel efficiency.</li> <li>• Throttle Body : Removes contaminants accumulated in the throttle body to enhance throttle response.</li> <li>• Choke Valve : Ensures smooth operation of the choke valve to improve startability.</li> <li>• Fuel Injection System : Removes contaminants from the nozzles and valves of the fuel injection system to enhance fuel injection efficiency.</li> </ul>

# 09

## Specialized products for Industry



### Specialized products for Industry

#### ► Tapping Oil OP-001

354ml/Steel Can, 10cans, 20cans/Box

Features	<p>YECO OP-001 is an excellent cutting oil that can be used for a variety of operations.</p> <ul style="list-style-type: none"> <li>• Contains a large amount of extreme pressure additives, providing excellent performance in heavy-duty cutting of special steels such as stainless steel and alloy steel.</li> <li>• Especially, it uses highly refined, high-flash-point base oil, which minimizes smoke even under harsh conditions and reduces the problem of oil misting, making it a non-water-soluble product.</li> <li>• Developed for heavy-duty machining where frictional heat is a significant issue, it is designed to be used on both ferrous and non-ferrous metals. It also delivers excellent performance in difficult machining processes such as broaching, tapping, threading, deep-hole boring, and gun drilling.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Can be applied to the machining of various difficult-to-cut materials. (Broaching , Tapping, Drilling, Deep-Hole Boring and Machining, Gun Drilling)</li> <li>• Designed to be suitable for non-ferrous metals, it can be applied to difficult material machining.</li> </ul>



#### ► Spray Adhesive YL-505

Aerosol 460ml/can, 12cans/box

Features	<p>SPRAY ADHESIVE(YL-505) offers excellent initial adhesive and enables swift and uniform application over a wide area. Due to its low absorption and absence of formalin content, it allows for effective operation with strong bonding.</p> <ul style="list-style-type: none"> <li>• Spray adhesive for permanent fixing.</li> <li>• Adhesive of spray injection type for insulating wallpapers.</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Adhesion for paper and paper labels, fabric, cork, glass, metal acetate, and corrugated cardboard.</li> <li>• Application on silk wallpaper, textured wallpaper, cement walls, painted walls, and installation of insulated wallpaper.</li> </ul>



## COMPANY THAT AIMS TO GUARANTEE QUALITY

We will become the No.1 aerosol company globally through a systematic quality management system and continuous investment in R&D