



# INDUSTRIAL SOLUTIONS

P R O D U C T   G U I D E

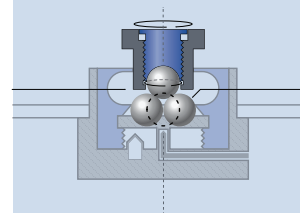
## YOU KNOW THE WD-40® BRAND NAME...

### BUT DO YOU KNOW ALL IT CAN DO FOR YOUR MRO JOBS?

Our time-tested formulas have been solving problems across a variety of industries for more than 70 years.

#### PROVEN AND EFFECTIVE FORMULAS FOR TOUGH ENVIRONMENTS

Lab testing shows that WD-40® Brand products outperform other brands in critical performance tests for dependability and value you can count on.



#### REDUCE DOWNTIME AND PROTECT YOUR FACILITY'S ASSETS

WD-40® Brand products help protect assets to promote longer equipment life, prevent unscheduled downtime due to unexpected equipment failure, and help avoid accidents and injuries caused by poorly maintained equipment.



#### SAFETY AND COMPLIANCE ARE OUR TOP PRIORITIES

All WD-40® Brand products are formulated to minimize the risk of harm to people, surfaces and the environment. <sup>1</sup> Our safer product formulations do not require warnings for cancer, birth defects or other reproductive harm. <sup>2</sup> Use of WD-40® Brand products can help reduce personal, legal and regulatory risk.



#### INDUSTRY-LEADING, INNOVATIVE SOLUTIONS MAKE YOUR JOB EASIER

WD-40® Brand has been a trusted name in maintenance products for more than 70 years. We strive to continuously improve and innovate with products designed to tackle any challenge.



From metal fabrication operations to property management, MRO pros can count on WD-40® Brand products to keep their facilities moving with versatile delivery systems that offer a unique combination of safe, powerful and specialized formulas designed to increase efficiency, reduce downtime and minimize risk—everything you need to get the job done right.

<sup>1</sup> When used and disposed of as directed.

<sup>2</sup> No warnings for our products are required by California Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986.

## WD-40® MULTI-USE PRODUCT

It's the product you know and trust, with more than 70 years of proven performance. Our Multi-Use Product is the most recognized and relied upon name in its class—protecting equipment from rust and corrosion, penetrating stuck parts, displacing moisture and lubricating almost anything. It's now available in a variety of delivery and application methods, along with other innovations, making jobs easier, safer and more efficient.

#### FEATURES

- Time-saving, easy-to-use
- Patented delivery systems
- Variety of sizes for any job, big or small
- Protects against corrosion
- Penetrates rusted bonds
- Dissolves adhesives and displaces moisture to dry out electrical systems

#### APPLICATIONS

Moving and rusted metal parts, hinges, wheels, pulleys, rollers, chains, gears, joints, conveyors, hoists, tools and more.

- WD-40 Multi-Use Product
- WD-40 Smart Straw®
- WD-40 EZ-REACH®
- WD-40 4 Liters
- WD-40 20 Liters
- WD-40 208 Liters







# SUPERIOR PERFORMANCE

## BORN FROM ROCKET SCIENCE™

Take a look at our full product offerings to see how we've expanded and enhanced our industrial-strength products.

### CLEANERS AND DEGREASERS

Engineered to be both powerful and safe. Our Safer Choice Certified Cleaner & Degreaser keeps facilities and equipment running smoother and looking like new.

#### CONTACT CLEANER FAST DRYING

- Fast acting, non conductive cleaner
- Penetrates quickly and leaves no residue
- For use on electrical equipment, contacts and plastic

##### APPLICATIONS

- Circuit Boards
- Switches
- Printers
- Controls
- Copiers
- Electrical
- Assemblies
- Tape Heads
- Precision Instruments



#### DEGREASER FOAMING SPRAY

- Removes grease, oil, fat, dirt, soap scum & grimy residues
- Power foam works immediately on contact
- Easy to rinse, leaves no residue

##### APPLICATIONS

- Engines
- Hand Tools
- Lifts & Hoists
- Industrial Machinery
- Work Surfaces
- Flooring
- Exhaust Hoods



#### THROTTLE BODY, CARB & CHOKE CLEANER FAST-ACTING

- Cleans gum, dirt, varnish, lead & carbon deposits
- Eliminates hard starting, rough idling & stalling
- Reduces emissions and fumes

##### APPLICATIONS

- Engines
- Carburetors
- Throttle Body
- Choke
- Gas-powered Equipment
- Fleet Maintenance
- Non-painted Metal Parts



#### BRAKE & PARTS CLEANER NON-CHLORINATED

- Removes oil, grease, dirt and brake fluid
- Cleans without disassembling the unit
- Safe to use on brake linings, pads and drums

##### APPLICATIONS

- Disc Brake
- Carburetors
- Brake Drum
- Brake Calipers



#### MACHINE & ENGNE DEGREASER DEEP PENETRATION

- Removes tough grease, oil, dirt & grime
- Fast acting
- Easy to wipe off and rinse with water

##### APPLICATIONS

- Engine
- Stroke Engine
- Industrial Machinery



#### AIR DUSTER DUST FREE

- Dry powerful blast, removes dust easily
- Safe on all plastics & delicate precision equipment
- Non-abrasive, non-corrosive, residue free

##### APPLICATIONS

- Camera
- Printers
- Laptop
- Computers
- Keyboards
- Photo Equipment
- Fax Machines
- Copiers
- Telephones
- Lab Equipment
- Scientific Equipment
- Vacuums
- Watches



#### AIR CONDITIONER CLEANER FOAMING SPRAY

- 99.999% anti-bacterial\*
- No need to rinse off
- Safe on AC fins & coils
- Professional result in minutes

*\*Kills 99.999% of Staphylococcus aureus, Escherichia coli and Candida albicans in 5 minutes; and 99.999% of Aspergillus brasiliensis in 15 minutes.*

##### APPLICATIONS

- AC Fins
- AC Coils



### RUST MANAGEMENT

Preventing and removing rust is an important part of facility and equipment maintenance, repair and operations. Whether it's to prevent or remove rust, we have a product for the job.

#### CORROSION INHIBITOR LONG-LASTING

- Vapor corrosion inhibitors seal and protect to block corrosion
- Works indoors and outdoors
- Protects metals up to two years
- NSF Certified: A7 Registration

##### APPLICATIONS

- Equipment And Metal Parts Subjected To Extended Storage Periods
- Machine Surfaces
- Tools
- Chains
- Cables
- O,X,Z Ring



#### RUST REMOVER SOAK DISSOLVES RUST SAFELY

- Safely removes tough rust from metal parts & tools
- Ideal for restoring rusted parts to bare metal
- Non-toxic, acid free, biodegradable

##### APPLICATIONS

- Rusted Metal Surfaces



### LUBRICANTS

We offer an assortment of fast-acting, high-performance lubricants that are proven to withstand tough industrial environments. They'll keep parts moving and reduce unplanned downtime, while helping to ensure facility safety.

#### SILICONE QUICK-DRYING

- Prevents parts from sticking
- Waterproofs & protects against moisture
- Lubricate, free seals, restore hardened rubber

##### APPLICATIONS

- Belt
- Bearing
- Linkages
- Tools
- Pulleys
- Guide Rails
- Locks
- Doors & Hinges
- Valves
- Hoists
- Conveyors
- Pipes
- Compression & Injection Mouldings



#### DRY LUBE WITH PTFE

- Enhanced lubrication & protection
- Dry PTFE film that resists dirt,dust and oil
- For use on metal, plastic & glass

##### APPLICATIONS

- Blades & Drill Bits
- Gears
- Locks
- Tracks
- Chains
- Hinges
- Power Tools & Equipment



#### WHITE LITHIUM GREASE LONG-LASTING

- Water and heat resistant lubricant
- Long lasting protection against rust & corrosion
- High viscosity grease

##### APPLICATIONS

- Water Pumps
- Hinges
- Chains
- Pistons
- Conveyors
- Metal Parts
- Catches
- Cables
- Runners
- Motor Pivot Points
- Overhead Door Tracks
- Gear & Brake Mechanisms

- Bearings
- Winches
- Latches



#### FOOD GRADE SILICONE COLOURLESS

- NSF® Certified: H1 and H2 Registration
- Designed for food industry handling application & food processing
- Colorless, odorless, non-staining film

##### APPLICATIONS

- Food Racks
- Pins
- Guides Rail
- Castors
- Linkages
- Pulleys
- Conveyor Belts
- Coin Mechanisms
- Bottling Machinery
- Plastic Rollers & Gears
- Vending Machines
- Rubber Mountings & Seals
- Food Processing & Handling Equipment

- Rings
- Chutes
- Slicers
- Freezers
- Locks
- Timers
- Tools



#### CUTTING OIL MULTI-PURPOSE

- Improves machine finishes and extends tool life
- Reduces cutting torque and improves cutting efficiency
- Suitable for use on all metals

##### APPLICATIONS

- Reaming Processes
- Cutting
- Drilling
- Milling
- Tapping
- Threading
- Sawing
- Shearing
- Turning



#### CHAIN LUBE ANTI-FLING

- Outstanding anti-fling properties
- Superior anti-wear and penetration
- Suitable for street and off-road riding
- O,X,Z ring compatible

##### APPLICATIONS

- Chain
- Drivetrain
- O,X,Z Ring



#### BELT DRESSING ANTI-SLIP

- Eliminate squeaking and slipping
- Restore belts pliability and flexibility
- Extends belt life

##### APPLICATIONS

- V Belt
- Flat Belt
- Cogged Belt



#### GEL LUBE NO-DRIP

- Thick, no drip, no mess, non-fling
- Stays where you spray it; perfect for vertical surfaces
- Self-healing characteristics

##### APPLICATIONS

- Chains
- Cables
- Gears
- Rollers
- Bearings
- Moving Parts
- Vertical Surfaces



### OTHER WD-40 COMPANY BRANDS

No matter the maintenance need, we have a product to make any job easier. WD-40 Company's other great products are made tough enough for any industrial environment.

3-IN-ONE® Professional AIR-CONDITIONER CLEANER is a water-based cleaner that gives you triple the benefits and leaves your indoor summer breeze all day long.





# ENGINEERED FORMULAS



For more information, visit [wd40.asia](http://wd40.asia)

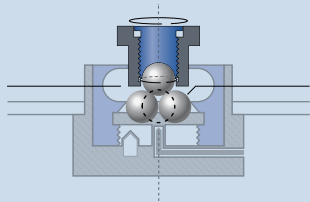
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# THE CAN WITH THOUSANDS OF USES

WD-40® Multi-Use Product protects metal from rust and corrosion, penetrates stuck parts, displaces moisture and lubricates almost anything. It even removes grease, grime and more from most surfaces.



LUBRICATES



WD-40's ultra-high surface attraction assures that the lubricating ingredients in WD-40 will be widely dispersed and tenaciously held to all moving parts. WD-40 contains no silicone or other additives that attract dust and dirt which cause the build up of gummy, greasy residue.



LOOSENS PARTS



WD-40's ultra-high surface attraction results in a super penetrating action that loosens rust-to-metal bonds and frees stuck, frozen or rusted metal parts. The lubricating properties of WD-40 then keep these parts working freely.



CLEANS & REMOVES



WD-40 dissolves most adhesives, allowing easy removal of labels and excess bonding materials. Its ultra-high surface attraction enables it to get under dirt, grime, caked grease and oil to clean the surface, while simultaneously forming a corrosion-resistant barrier.



PROTECTS



WD-40 protective barrier shields against moisture and other corrosive elements. It deposits corrosion-resistant ingredients over the entire surface area, including on microscopic irregularities. This moisture displacement capability also prevents the possibility of small moisture pockets which can cause future problems.



DISPLACES MOISTURE

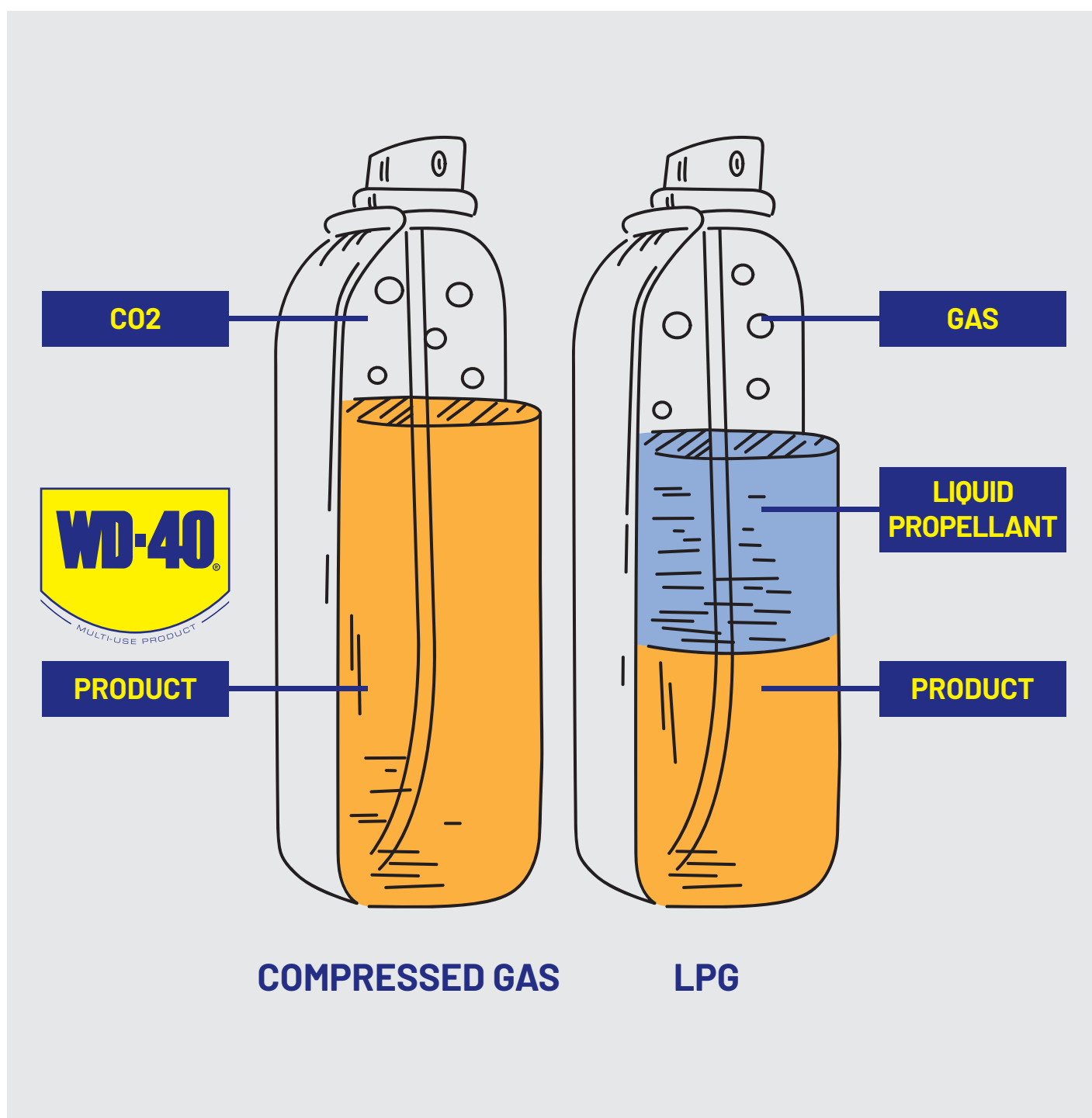


WD-40 is a non-conductor of electricity and quickly eliminates moisture-induced short circuits. WD-40 is formulated for ultra-high surface attraction to metal. Even in the presence of moisture, it completely covers surfaces, including microscopic irregularities, and establishes a protective barrier between moisture and parent metal.

# VALUE IS WHAT YOU GET

## We use CO2 compressed gas as propellant, which means:

- You get more active content in our can. Brands using LPG as propellant gives you less active content as LPG takes up additional can space.
- When it says 40ml of product, that is what you get! Brands using LPG propellant includes LPG volume as part of the ml fill.
- It is less flammable than LPG.



# WAYS TO APPLY WD-40® MULTI-USE PRODUCT



## SPRAY

Industrial Spray Gun/  
Manual Spray Applicator



## BRUSH

Hand Brushing



## DIP

Dip Inside a Small/  
Massive Container

# IGNITION TEST



**CO2 PROPELLANT  
FILLED CAN**

- CO2 Propellant
- Flammable
- Pressure in Can Greater than 90 PSI
- Sprays Both Ways - Right Side Up & Upside Down



**SAFER**



**EXTINGUISH FLAMES**



## COMPETITORS

**HYDROCARBON  
FILLED CAN**

- Mostly Hydrocarbon
- Extremely Flammable
- Pressure in Can Less than 60 PSI
- Less than 60% of Active Content



**DANGEROUS**



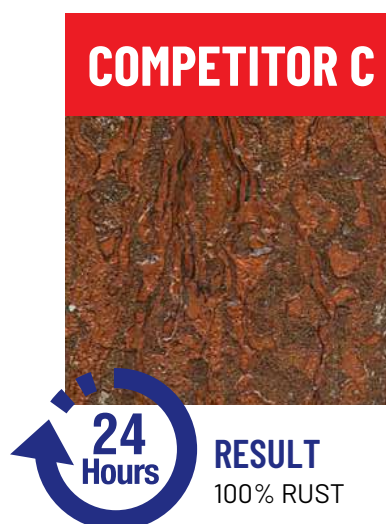
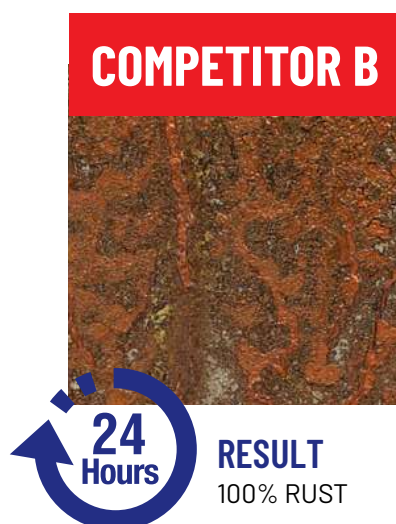
**FLAMMABLE**



# COMPARISON OF ANTI-RUST PROPERTIES BETWEEN WD-40® AND COMPETITORS

- Test method: ASTM B117 Salt Spray Corrosion Test
- Test institute: PETRO-LUBRICANT TESTING LABORATORIES, INC.

When choosing corrosion inhibition lubricants, always insist on WD-40 to protect your equipment and products from rust.



## ENVIRONMENTALLY COMPLIANT



- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>✗ Lead</li> <li>✗ Mercury</li> <li>✗ Cadmium</li> <li>✗ Hexavalent chromium (Chromium VI or Cr<sup>VI</sup>)</li> <li>✗ Polybrominated biphenyls (PBB)</li> </ul> | <ul style="list-style-type: none"> <li>✗ Polybrominated diphenyl ether (PBDE)</li> <li>✗ Phthalates:                             <ul style="list-style-type: none"> <li>Bis(2-ethylhexyl) phthalate (DEHP)</li> <li>Butyl benzyl phthalate (BBP)</li> <li>Dibutyl phthalate (DBP)</li> <li>Diisobutyl phthalate (DIBP)</li> </ul> </li> </ul> |
|--|---|



**CO<sub>2</sub>**  
PROPELLANT

- ✓ Safer
- ✓ More active contents



- ✓ No Silicone
- ✓ Paint Surface Safe

# APPLICATION



## POWDER METALLURGY

Powder metallurgy is a high volume production process that is highly efficient, energy-saving, material-saving, environmentally-friendly and low-cost. Powder metallurgy products are characterized by high strength, complex shaping, miniaturization and precision.

Important parts manufactured through powder metallurgy include:

- i. Various car structural components, engine valve seats, camshafts, pulleys, cams, transmission clutch hoops, piston rings, synchronizer hoops, flanges of the exhaust system and transmission brackets, slips, shock absorbers, steering and brake parts.
- ii. Drill bits in cutting tools and wear-resistant tools, lathe tools and cutters are also used in the manufacturing of moulds.
- iii. Electric tool gears, metal parts of pneumatic tools, metal parts of household appliances.



The application of WD-40® Multi-Use Product in the powder metallurgy industry is mainly by soaking, supplemented by wiping or brushing in these areas.

- **Application after sintering of powder metallurgy parts**

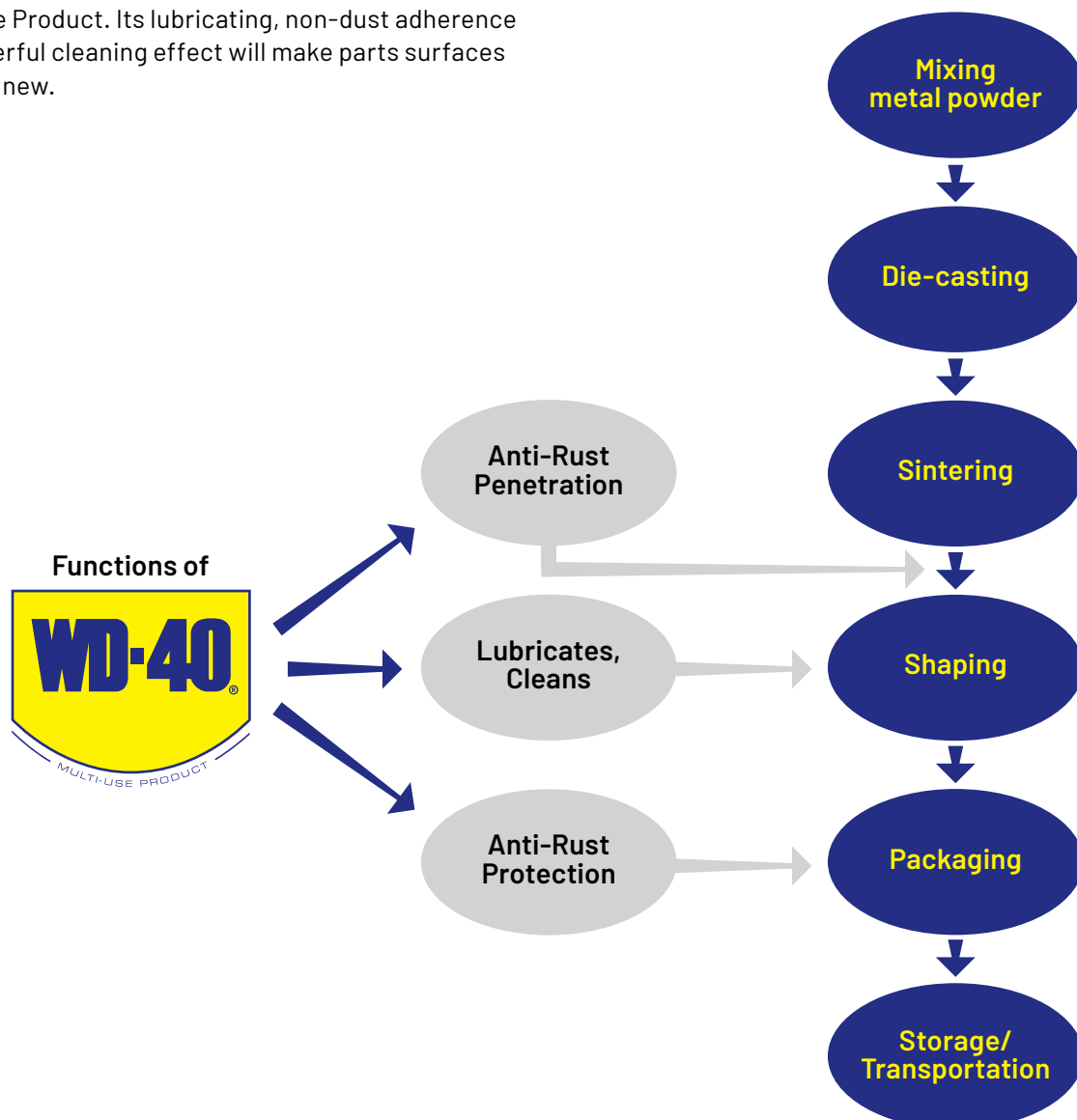
In order to achieve an anti-corrosive effect from the inside out, the parts need to be immersed in a WD-40 Multi-Use Product solution pool, so that they are completely soaked in.

- **Application in the shaping of powder metallurgy parts**

During the shaping of powder metallurgy parts, the surfaces of parts can be wiped or brushed with WD-40 Multi-Use Product. Its lubricating, non-dust adherence and powerful cleaning effect will make parts surfaces bright as new.

- **Application in packaging of powder metallurgy parts**

At the end of production, the powder metallurgy parts have to be packaged to facilitate long-term storage and transport. Parts surfaces can be wiped or brushed with WD-40 Multi-Use Product in order to achieve better, long-lasting anti-corrosive effects.



# APPLICATION



## WIND POWER INDUSTRY

WD-40® Multi-Use Product application in the wind power industry can be divided into three parts:

1. Wind power component production and assembly
2. Installation of wind power equipment in wind farms
3. Routine maintenance of wind power equipment
  - Cleans, Lubricates and Rust-Proofs metal parts such as bolts, screws, spindles, high speed brakes, yaw gears and yaw bearings, brackets, rotor wall surface of stator, and electric, pneumatic and hand tools.
  - Extends equipment life, and reduces failure rate and maintenance cost.
  - Reduces cleaning procedures and improves product quality.



## SHIPBUILDING INDUSTRY

WD-40 Multi-Use Product is used by many shipyards for its excellent multi-purpose performance, and it provides anti-rust for marine metal parts. In the shipping industry, WD-40 Multi-Use Product has been listed by many ship owners and shipping companies as the one essential maintenance agent in protecting the ship's metal and electrical components to make it smooth sailing all round.

- Provides high-efficiency maintenance to the ship's metal and electrical components in humid environment.
- Protects all kinds of gears and engine parts from rust.
- Protects battery terminals, and marine control and measuring equipment.
- Removes rust on surface of large parts.
- Loosens tightly fastened screws and nuts.
- Lubricates locks, hinges, helms and dashboards, and masts.
- Cleans and protects ship's machinery, tools, radar device and pulleys.
- Removes labels.





## RAILWAY INDUSTRY

WD-40® Multi-Use Product keeps mechanical parts of subway and light rail vehicles functioning well. It insulates electrical and circuit components from moisture, reducing component failure and ensuring the safety of vehicle operations.

- Provides effective maintenance for mechanical parts of subway vehicles and rail converters.
- Lubricates locomotive shafts and track sliding doors.
- Provides dehumidification protection for locomotive circuits and electrical parts.
- Protects bolts and nuts from rust.
- Loosens rusty bolts and nuts with ease.



## PRINTING INDUSTRY

WD-40 Multi-Use Product provides efficient maintenance to precision mechanical components of printing machines, reducing wear and tear while extending the service life of printing press.

- Lubricates and cleans slide track of paper feed system and paper transferring roller shaft.
- Cleans and lubricates transmission camshaft.
- Cleans and lubricates chains, and activates gear and adjustment screw of ink rod for rust-proofing.
- Lubricates and cleans sprockets and axle seats.
- Provides maintenance for pneumatic sliding doors of printing press, enhancing the fineness of printing products.
- Keeps motor parts clean and well-maintained for long-running performance.
- Cleans and maintains supporting tools of printing press such as torque wrench and rubber roll hardness meter.

# APPLICATION



**MINING  
INDUSTRY**

WD-40® Multi-Use Product provides efficient maintenance in the mining industry for all types of machinery and electrical equipment to reduce equipment failure and loss, saving both time and cost while improving efficiency.

## **1. Maintenance of mining equipment**

- Powerful protection of equipment linkage and hinge structures to prevent rusting.
- Reduces friction and improves operating consistency of equipment.
- Powerful dehumidification and water-proofing, extending service life of metal parts.
- Cleans electrical contact points to provide more stable and reliable equipment performance.
- Cleans equipment corners ensuring no dust accumulation, making it safer for use.

## **2. Maintenance of support system components**

- Protects bolts and nuts in anchor system and scaffolding support system.
- Protects hinged and metal surfaces of hydraulic system to prevent corrosion and to improve stability of equipment.

## **3. Maintenance of pneumatic equipment**

- Maintains pneumatic drills, pneumatic picks and other pneumatic tools without having to dismantle them.
- Lubricates and cleans pump shafts and pump wheel blades, reducing wear.

## **4. Maintenance of electrical equipment**

- Protects circuit contact points so as to prevent oxidation of contact points or short-circuits from dampness, thus maintaining circuit stability.
- Protects nuts and bolts of electrical equipment to prevent corrosion.





## MOULD MAINTENANCE

WD-40® Multi-Use Product provides effective and easy anti-rust cleaning and maintenance of mould, extending its service life. It is also used as a release agent for certain plastic moulds, improving production efficiency, reducing technical procedures, and saving on manpower and material resources.

1. Forms a dense protective film which effectively prevents moulds from rusting.
2. Easy cleaning and maintenance with just a quick wipe of the mould. Easy and convenient to apply.
3. Release agent for certain plastic products.
4. Removes rust from mould by spraying WD-40 Multi-Use Product on corroded surface. After more than 20 minutes, wipe mould surface with an industrial scouring pad and mould will be bright as new.

# APPLICATION



## AGRICULTURAL USES

WD-40® Multi-Use Product keeps farming equipment well-maintained for long-term use by lubricating moving parts, cleaning machines and tools, and protecting them from corrosion.

- Fights battery corrosion and helps start wet engines.
- Lubricates squeaky wheels, and keeps them clean and protected from rust.
- Frees stuck, rusted or frozen parts.
- Lubricates moving parts on farming equipment to keep machines running smoothly.
- Lubricates chain saws and hedge trimmers.
- Removes, attaches or repositions grips.
- Lubricates taps.
- Removes gunk and adhesives from PVC.



## MAINTENANCE OF ELECTRICAL AND PNEUMATIC TOOLS

WD-40 Multi-Use Product is a high-efficiency maintenance agent for metal products. It exhibits very strong surface affinity with metal. Its deep-penetrating solution is able to effectively remove oil, impurities and moisture on metal surfaces, leaving a dense anti-rust film which lubricates and protects, keeping surfaces clean and lubricated. Recommended by major electrical tools brands for maintenance use.

### 1. Maintaining pneumatic tools

Cleans and protects from corrosion the surfaces of pneumatic screwdrivers, pneumatic wrenches, gas nail guns, pneumatic drills, pneumatic shear products and pneumatic sanding tools.

### 2. Maintenance of electrical tools

Lubricates drill chucks and drill caudal peduncles, cleans the surface of electrical tools, lubricates and cleans rotor commutators and many others.





## AUTOMOTIVE INDUSTRY

WD-40® Multi-Use Product keeps automotive maintenance simple and easy. It lubricates parts, cleans dirt and adhesives, protects against rust and displaces moisture, to ensure long-running, efficient performance from your car.

- Lubricates ignition switches, hood springs and exterior carburetor linkages.
- Removes stickers, plastic tint films and glue from windows, and grease and dirt on chrome.
- Cleans, protects and drives out moisture from spark plugs, chains, brake cables and sticky throttles.
- Helps locate engine vacuum leaks when sprayed on vacuum hose connections.
- Lubricates joints to smoothen movement of wipers, steering mechanism and car bonnet hinges.
- Cleans and protects battery terminals from oxidation, and cylinders and pistons from carbon deposits, to increase efficiency.
- Prevents rust on car bonnets and exhaust pipes.
- Dissolves tar without harming paint on chrome.
- Penetrates to loosen jammed wheel nuts.

**WD-40 COMPANY**  
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