



**WORLDWIDE PARTNER
OF THE AUTOMOTIVE INDUSTRY**

www.pro-tec-deutschland.com



Content

The bluechemGROUP	2
Quality Management	3
ADDITIVES & SYSTEM CLEANER	
■ Engine	4-5
■ Fuel System - Petrol	6
■ Fuel System - Diesel	7
■ Air Intake System & Combustion	6, 8
■ Air Condition System	9, 10
■ Power Steering & Gearbox	11, 12
■ Radiator System	13
SERVICE PRODUCTS	
■ Protection	15
■ Lubricant	16
CLEANING WITHOUT CHEMICAL INGREDIENTS	
■ Hand Care	17



THE bluechemGROUP

The global partner of the automotive trade and industry

bluechemGROUP (BCG) is a community of companies with global activities in over 120 countries.

The community's success is based on the development and patenting of environmentally friendly products fulfilling highest quality standards as well as on innovative car repair, industry and service concepts.

Innovative drive, creativity, competence and motivated personnel present the foundation of the bluechemGROUP.





For research purposes, we have a fully fitted technical laboratory, plus an analytical laboratory with latest analytical and measuring instruments for gas chromatography, materials testing, emission measurement, oil and water analysis, etc.

The efficiency and quality of several products and methods developed in the laboratory were tested successfully by TÜV Thüringen and are subject to constant monitoring.



QUALITY MANAGEMENT

On a high level

The philosophy of our company is to develop and produce products, which actually contain active ingredients that optimize the combustion process. At the same time our cleaning and care products for diesel as well as for petrol engines are fully compliant with the norms DIN EU 590 for diesel fuels and DIN EU 228 for petrol fuels.

From the professionals point of view not only the effectiveness but also the reliability and compatibility play an important role. In order to fulfill our own as well as the expectations of the professional user, we performed the strictest quality test on our products and achieved excellent results.

For this reason we have defined an additional quality standard which exceeds the legal guidelines – a high quality level to meet our own pretensions. In order to be up-to-date with the growing demands and requirements of the automobile industry, the products are constantly improved and strictly inspected. Internal tests are performed along the manufacturing process, meticulously controlling every step of the production. Only this way we can guarantee for the consistently high quality of our products.





ENGINE

CLEANING

Engine Flush



Engine Flush removes operational contamination and resin deposits in the entire oil and lubricating circuit, residue and carbonization in the piston rings and the upper cylinder area, neutralizes harmful engine acids. This leads to reduced fuel consumption, improved engine performance, reduced wear of the aggregates and longer life of the catalytic converter.

Application: Add to the oil circulation system prior to the oil change. Allow the engine to idle for approx. 15 minutes. Afterwards carry out an oil change according to the manufacturer's instructions.



Consumption
375 ml for 6 ltr. oil

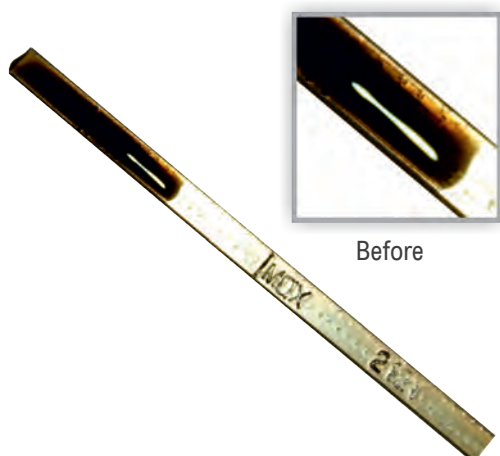


Reaction time
approx. 15 minutes



PRO-TEC Engine Flush
CTP GmbH
Verringerung der Abgasemission
(CO, NO_x)
Erhöhung des Kompressionsdruckes

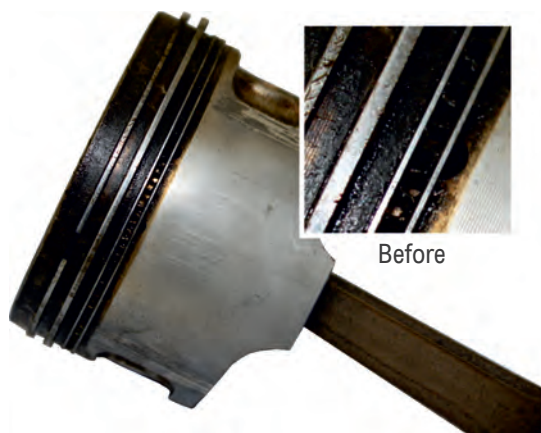
Content	375 ml	1L
PU	28 pc.	12 pc.
Art.-No.	P1001	P1301



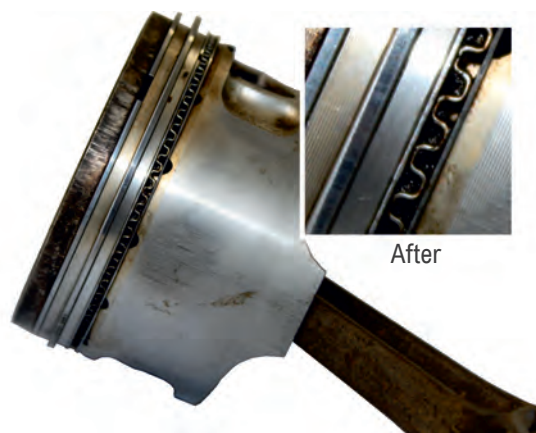
Before



After



Before



After



PROTECTION

Oil Booster



Oil Booster increases performance, reduces oil and fuel consumption, friction and wear, protects against rust and corrosion, prevents contaminations in the oil and lubricant circulation, neutralizes harmful engine acids and preventing hardening of seals. Uses ashless ingredients and is free from heavy metals.

Application: Add to the new oil after every oil change. Especially recommended for engine overhauls.



Consumption

375 ml for up to 8 ltr. oil



Reaction time

While engine is running

Content	375 ml	1L
PU	28 pc.	12 pc.
Art.-No.	P1301	P1309



Before



After



- ☐ Increases performance
- ☐ Reduces oil and fuel consumption
- ☐ Reduces Friction and wear
- ☐ Protects against rust and corrosion
- ☐ Prevents contaminations in oil and lubricant



FUELSYSTEM - PETROL

CLEANING

Fuel Line Cleaner



The entire fuel system will be cleaned for a perfect fuel nebulization at the nozzles and valves. Binds condensed water and ensures a clean and powerful combustion, good performance, low fuel consumption and optimum values of the exhaust gas. Recommended for all petrol powered engines e.g. FSI, incl. turbo engines and cat. Stabilizes the fuel.

Application: Add to the petrol tank. In problematic cases use cleaning equipment.



Consumption
375 ml for 80 ltr. petrol



Reaction time
While engine is running



Content 375 ml
PU 28 pc.
Art.-No. P1101

Valves and Injection Cleaner



Removes crust and coking from injection systems, cleans inlet valves and injection nozzles. Prevents rough running of the engine, power loss and start problems. Fuel consumption and exhaust gas emission will be reduced.

Application: Recommendation: Add to the petrol system at least 3-4 times a year before refueling, but at the latest during the next customer service.



Consumption
375 ml for 80 ltr. petrol



Reaction time
While engine is running

Inhalt | Content 375 ml
PU 28 pc.
Art.-No. P2233

„Triple X PLUS“ Air Intake System Cleaner



Cleans, lubricates and protects the complete air intake system and combustion chamber as well as inlet valves of petrol and diesel engines.

Benefits: powerful and smooth engine running • optimized fuel consumption and exhaust emissions.

Application: Only for use with the cleaning device Clear Flow and suitable adapters “S-type” or “Flex-type”.



Consumption
375 ml for 1 application



Reaction time
Works during application

Content 375 ml
PU 28 pc.
Art.-No. P2241



CLEANING

Common-Rail Diesel System Clean & Protect



Removes reliably and sustainably smallest particles of contamination in the whole system. Ensures optimum atomization and effect of the diesel fuel and ensures lubrication of the entire system, in particular the high-pressure pump. Ruined water drops in diesel fuel and absorbs combustion disturbing moisture. Especially recommended for Longlife Service intervals. Suitable for soot particle filters. Exceeds the HFRR test according to DIN EN ISO 12156-1.

Application: Fill directly into the diesel tank or use with special cleaning equipment (p.52).



Consumption
375 ml for 80 ltr. diesel

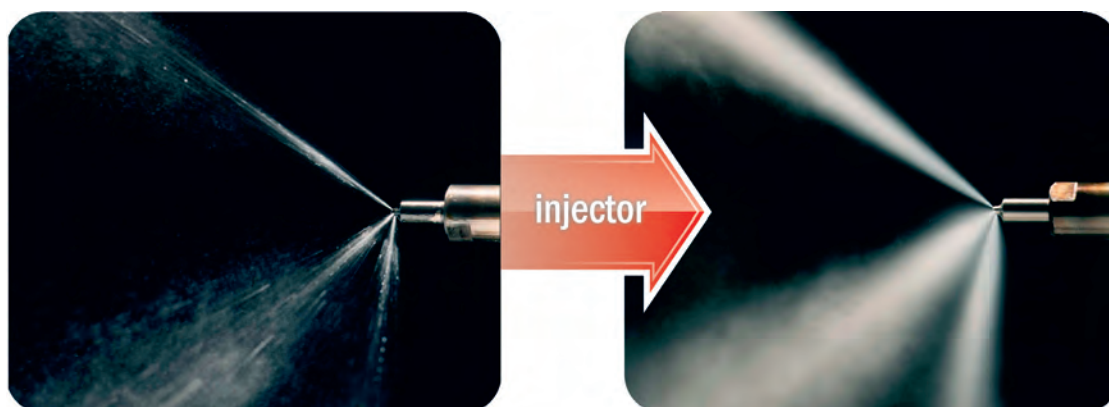


Reaction time
While engine is running



PRO-TEC Common Rail Diesel System
Clean & Protect
CTP-Gelöst
Verringerung der Abgasemission (CO, CO₂)
Senkung des Kraftstoffverbrauches
Erhöhung des Kompressionsdruckes
Reduzierung von Verschleiß
Erhöhung der Wasserundurchlässigkeit (getestet
an Dieselpartikelfilter)
Reinigungswirkung

Content	1 ltr
PU	12 pc.
Art.-No.	P2109



Diesel System Cleaner



Diesel System Cleaner removes operationally caused contamination sustained throughout the fuel system of diesel engines from the tank to the combustion chambers. It removes resin deposits, releases sticking injection nozzles and injection pumps, removes carbon residues and soot deposits within the entire upper cylinder area. It also lubricates and protects the diesel injection system and the entire upper cylinder area. The fuel atomization is improved.

Application: Add to the fuel tank. In problematic cases use cleaning equipment.



Consumption
375 ml for 80 ltr. diesel



Reaction time
While engine is running

Inhalt Content	1 ltr
VE PU	12 pc.
Art.-Nr. Art.-No.	P1209



AIR INTAKE SYSTEM & COMBUSTION

Carbon X – Combustion Chamber Cleaner



2-component cleaning system for removal of operating-related, carbon-containing deposits in the entire combustion chamber of petrol and diesel engines. Residues in the EGR valve, the turbocharger and the air intake system (intake manifold to intake valves) are also reliably eliminated. Carbon X does not attack seals and is compatible with all engine components

Application: Remove the spark plug or injector and spray K1 with the included probe into the combustion chamber through the resulting opening. Spray K1. As soon as foam comes out of the access port, stop spraying and let react for about 15-20 minutes. After application of K1, insert the probe of K2 through the same access port, spray K2 generously and let it react until the cleaner is dissolved (about 4-5 min.). If necessary, spray several times. Extract the resulting emulsion using the Carbon X Extractor (Art.-No. 34142). After completion of the cleaning process and before the disassembled components (spark plug or injector) are installed, let the engine run at idle EMPTY 2-3 times for approx. 10 seconds via the starter to remove any residual quantities.



Consumption

500 ml for 4-8 cylinders (depending on cylinder capacity) or 2-4 EGR valves, turbocharger or intake systems.



Reaction time
15-20 minutes

Content	2-K zu je 500 ml 2-C each 500 ml
PU	6 Sets
Art.-No.	P4650



CarbonX - SERVICE

bluechem
by GROUP





Klima Fresh - A/C Refresh



Cleans the air conditioning system and removes unpleasant odors (cigarette smoke). Optimizes the power of the air condition and takes care of fresh clean air in the entire interior of the car.

Application: Place it in the footwell of the front passenger area and press the self timer of the can.



Consumption
1 can for 1 application



Reaction time
approx. 1 minute

Content	100 ml Lemon fragrance
PU	12 Stk. pc.
Art.-No.	P6112

Air Condition Foam Cleaner – Car



Surface active cleaning foam for professional and effective cleaning of the interior of the air conditioning system. Removes residues and mould and kills fungus and bacteria. Neutralises unpleasant odors. Nontoxic and odorless.

Application: Spray the cleaning foam onto the evaporation surface via the drainage nozzle. (see instruction manual).



Verbrauch | Consumption
250 ml für 1 Anwendung | 250 ml for 1 application



Einwirkzeit | Reaction time
ca. 15 Minuten | approx. 15 minutes

Content	250 ml
PU	12 Stk. pc.
Art.-No.	P6122





AIR CONDITION & AIR FRESHENER

Air Condition Leak Stop



A/C Leak Stop localizes the point of leakage in the A/C System and seals it permanently, without any reaction with humidity and oxygen. A/C Leak Stop repairs leakages with maximum dimensions of 0.5mm.

Application: For professional use only. We recommend a preventive check to determine the leak size before use. Locate the low-pressure port of the vehicle's A/C system and unscrew the dust cap. The compressor and unit must be operating at full power. Unscrew the cartridge cap and connect the adapter to the cartridge. If you use a flexible adapter, push out the air contained in the transparent hose while the system continues to run. For vehicles without a low-pressure port it is necessary to use a special adapter. Connect the adapter to the charging port of the A/C system and inject the complete content of the cartridge. Disconnect the cartridge from the A/C system. If necessary, repeat the procedure. Run the A/C System in this condition for at least for 30 minutes.



Consumption
30 ml for 1 application



Reaction time
approx. 30 minutes

Content	30 ml
PU	15 pc.
Art.-No.	P6080

Disinfectant Fluid



Refreshes and disinfects the entire interior of the vehicle. The disinfectant liquid is finely atomized, without the use of a heating device, by means of our ultrasonic atomization device. An optimal distribution throughout the air conditioning system is thus ensured. Unpleasant odors are eliminated creating a long-lasting freshness. Cabin Air Freshener free without warranty or guarantee

Application: For use in closed vehicles equipped with air conditioning and recirculation. This product can only be used in conjunction with our Cabin Air Freshener. Never use with evaporator equipment.



Consumption
250 ml for 1 application



Reaction time
approx. 30 minutes

Fluid	250 ml Air Freshener Disinfectant Fluid
PU	24 pc.
Art.-No.	P4060



- Eliminates unpleasant odours
- Easy to use
- approx. 11 minutes for antibacterial treatment
- finely atomization without heating by means of ultrasonic atomization device



CLEANING

Automatic Transmission Flush



Reliably dissolves and removes contamination, oxidized oil residues and other deposits from the entire transmission oil system. Smooth and powerful gear changing will be the result. For all cars with automatic transmission.

Application: Add the product to the oil system before exchanging the transmission oil. Caution: Do not overfill the system! Run the system for approx. 10-15 minutes under frequent load change. Afterwards carry out the exchange of the transmission oil according to the manufacturer's instructions.



Consumption
375 ml for application



Reaction time
approx. 15 minutes

Content	375 ml
PU	28 pc.
Art.-No.	P1701

PROTECTION

Automatic Transmission Conditioner



For the preservation of seals and o-rings. Reduces formation of foam and oxidation. Automatic Transmission Conditioner extends durability and delays new residues of resin and similar contamination. For all torque converter, CVT and DSG transmissions except wet clutch.

Application: Add to the gear oil system.



Verbrauch | Consumption
375 ml je Anwendung | 375 ml for application



Einwirkzeit | Reaction time
Wirkt während des Fahrbetriebes | While engine is running

Content	375 ml
PU	28 pc.
Art.-No.	P1801



- Smooth and powerful gear changing will be the result
- Reduces formation of foam and oxidation.
- Extends durability and delays new residues of resin and similar contamination



POWER STEERING & GEARBOX

Power Steering Cleaner



Highly effective special cleaner for dissolving of contamination and resins throughout the complete power steering system. Highly efficient lubricating agents protect the complete system during the cleaning process.

Application: Add to power steering oil. After exposure perform the oil change.



Consumption
100 ml for 3 ltr. oil



Reaction time
approx. 5-10 minutes

Content	100 ml
PU	24 pc.
Art.-No.	P2041

Power Steering Nano Protect



This innovative product forms a highly effective Nano anti-friction barrier, which protects all internal surfaces of power steering systems and differentials against wear and tear. Ensures safe and smooth operation of the power steering and eliminates unpleasant "rattling" noises.

Application: Add to the lubrication system.



Consumption
100 ml for 2 ltr. oil



Reaction time
While engine is running

Inhalt Content	100 ml
VE PU	24 Stk. pc.
Art.-Nr. Art.-No.	P2161



CLEANING

Radiator Flush



It removes also lime and fur deposits, protects against rust and corrosion, dissolves dangerous radiator sludge and cleans water coolers, boilers and heat exchangers. Also the heating and cooling performance will be improved.

Application: Run the cooling system or the engine at idle (depending on the size of the system) for approx. 15-40 minutes. After draining rinse with fresh water. Then perform coolant change according to the manufacturer's instructions.



Consumption
375 ml for 5-10 ltr. capacity



Reaction time
approx. 15-40 minutes

Guarantees a perfect function of thermostat, heating valves and sensors.

Content	375 ml
PU	28 Stk. pc.
Art.-No.	P1501

PROTECTION

Radiator Conditioner



Protects against rust and corrosion, prevents electrolysis and cavitation, lubricates valves, thermostats and water pumps, heat exchangers and improves the heat exchange of liquid, maintains the pH value and prevents deposits of limestone in the cooling system.

Application: Add to radiator system.



Consumption
375 ml for 5-10 ltr. capacity



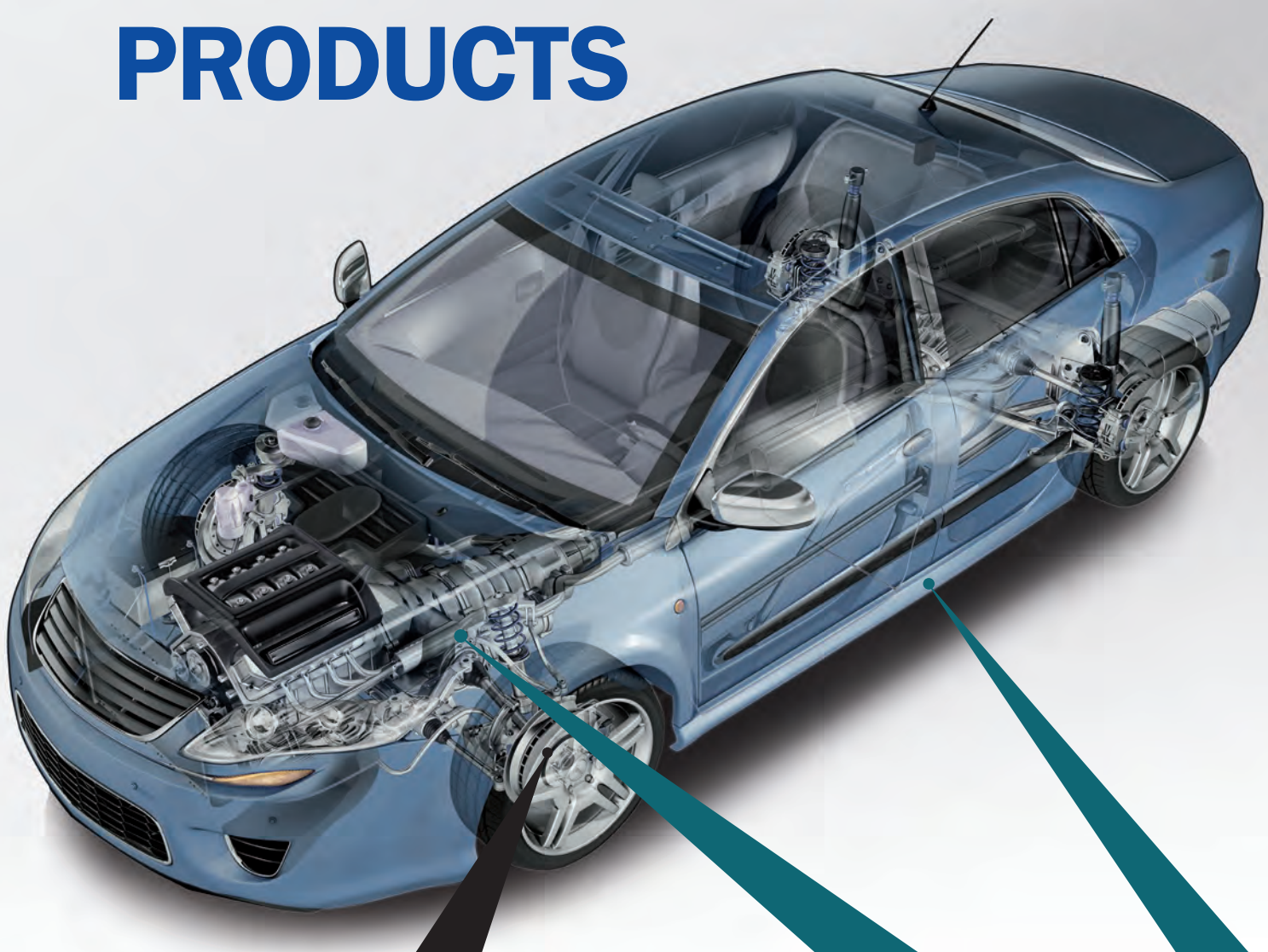
Reaction time
While engine is running

Content	375 ml
PU	28 Stk. pc.
Art.-No.	P1401



- Cleans all cooling systems
- Remove rust, mud & lime from the entire system
- Dissolves lime residues
- Prevents electrolysis and cavitation
- Improves heat transfer & keep the pH value stable
- Lubricates water pumps, thermostat & valves

SERVICE PRODUCTS



CLEANING

(Page 15)

Aerosols for cleaning and maintenance of the braking system

PROTECTORS and LUBRICANTS

(Page 16)

Complete protection for the car body

Grease sprays for a long-term lubrication and as a perfect corrosion prevention



CLEANING

Brake Cleaner



Effective and material-protective cleaning for brakes, carburetors, clutches and transmission parts. The cleaner improves adhesion factor of brakes and clutches.

Application: Spray onto the parts you like to clean and let it drip off. Repeat the procedure for removal of stubborn contaminations.



Consumption
Depended on contamination



Reaction time
approx. 60 seconds

Content	500 ml
PU	24 pc.
Art.-No.	P2201

Rust Remover



A highly active biodegradable agent. Dissolves rust and loosens seized parts in seconds. Offers optimal long-term protection against rust and corrosion and repels water. The product is free from resins and acids and does not affect paint, glass, rubber and plastics.

Application: Shake well before use! Spray evenly onto the parts to be treated.



Consumption
Depending on application



Reaction time
Depending on contamination and corrosion

Content	500 ml
PU	24 pc.
Art.-No.	P2501

Electronic Spray



For maintenance and care of electronic devices and even fine mechanical components. Ensures safe function of electronic connections. Displaces moisture, cleans contact points, removes soiling and dissolves incrustations. Works with preserving effect, prevents leakage current and reduces voltage drop. Is gentle to paintwork, plastic and rubber.

Application: Spray evenly onto the parts to be treated.



Consumption
Depending on application



Reaction time
none

Content	400 ml
PU	12 pc.
Art.-No.	P2901



SERVICE PRODUCTS

Special Maintenance



Grease, oil and solvent free with best sliding, lubricating and protecting properties in all temperature ranges. Protects from corrosion, is water resistant and highly adhesive. Eliminates and prevents creeping current and voltage loss. Coats and protects exterior plastic parts.

Application: Clean the parts to be treated and then spray evenly onto the area to be treated.



Consumption
Depending on application



Reaction time
Works permanently

Content	500 ml
PU	24 pc.
Art.-No.	P2401

White Grease



Guarantees perfect long-term lubrication in cold and hot temperatures, is water resistant and prevents corrosion. Protects from splashing water, salt, acids and alkalis. The special teflon formula offers high pressure protection.

Application fields: for all moving parts e.g. for corroded hinges, bolted connections, brake linkages and components, door latches, hinges, gears, springs, bearings, rubber components, "o" rings, striker plates, window regulators, sliding shackles etc.

Application: Clean the areas to be treated, then spray the product evenly onto the areas to be lubricated.



Consumption
Depending on application



Reaction time
none

Content	500 ml
PU	24 pc.
Art.-No.	P2701

Copper Spray – Lacquer



Weatherproof and fast-drying. Forms a permanent water resistant acrylic protective film which also covers and protects damaged spots. Perfectly suitable to repair damaged surfaces, protective sealing of pipelines, metal constructions and vehicle underbodies.

Application: Clean the areas to be treated, then spray evenly onto the parts to be treated.



Consumption
Depending on application



Reaction time
Permanently after drying

Content	400 ml
PU	12 pc.
Art.-No.	P2951

Zinc Spray



Fast drying, heat-resistant corrosion protection with long-time action for all metal surfaces. Provides reliable protection of drilled, cut or cutting surfaces or as prime coat of plant and machine components permanently exposed to outdoor conditions.

Application: All parts need to be free of oil, grease, dust and dirt. Before using shake the can for 2 min, make a test spray and then apply the product in a distance of 20–30 cm using a x-cross movement.



Verbrauch | Consumption
Je nach Anwendung | Depending on application



Einwirkzeit | Reaction time
ca. 20-30 Minuten | approx. 20-30 minutes

Content	400 ml	After 48 hours the treated parts are completely dried and the dry film should have a
PU	12 pc.	layer form 50-80 µm.
Art.-No.	P2955	

BIO Power



For gentle and thorough cleaning of hands. Special abrasives removes even stubborn stains such as oil, paints, and brake dust.

Application: Economically in use. Apply to dry hands, rub in thoroughly and rinse off with water. Repeat this procedure using the same amount for removal of stubborn contaminations.



Consumption
Depending on application



Reaction time
none

Content	4 ltr
PU	4 pc.
Art.-No.	P9012

CLEANING WITHOUT CHEMICAL INGREDIENTS!

WORLDWIDE PARTNER OF THE AUTOMOTIVE INDUSTRY

