



Types: Workshop, Comtec



# Maintenance products

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**DEPAC Workshop  
Intelligent maintenance aids for workshops**

Maintenance and repair of complex production systems demand more and more from people and material. Productivity and cost pressure demand trouble-free and frictionless functioning of all technical units and machines. Maximum service life without faults, reaching planned shut downs for maintenance and repair and the extension of the maintenance intervals are absolute requirements for the improvement of efficiency and the lowering of unit costs.

DEPAC has regarded the numerous tasks in industry, production and workshop as a challenge to innovation and offers therefore today a wide range of products which have been designed and carefully selected.

With the Workshop range, the people responsible in industry and production benefit from our many years of experience in maintenance and repair. The know-how and targeted development and research work guarantee high performance and economical products.

## Products with the Service-Plus

The tested and approved quality and reliability of the DEPAC Workshop products provide the user with a high degree of safety in his daily work. No matter whether one is looking for broad range of applications or specific problem solutions, DEPAC Workshop is completely convincing, e.g. when:



### Cleaning and degreasing

The task of cleaning and degreasing in industry has changed dramatically over the last few years. DEPAC has recognized the ban or voluntary withdrawal of such extremely effective solvents as TRI, PER and TETRA as a chance to find new and efficient solutions with creativity and a lot of know-how.



### Metal processing

Cooling and cutting lubricants play an important role in modern machining and forming processes since time and price pressure make increasingly higher demands on tools, quality and working time. Through long years of experience and utilization of the latest research and development technology, DEPAC offers a cutting oil which fulfils the highest requirements.



### Lubricating and protecting

For the development of DEPAC special lubricants, finely differentiated, industry-specific adjustments as well as careful analyses of the requirements of different customers have been made. Our consulting competence and our knowhow have in many cases resulted in a dramatic reduction in the number of lubricants in use as well as overall operating costs. The number of equipment failures caused by choosing the wrong lubrication have been considerably reduced as well.



### Maintenance and sealing

These products should be in every toolbox! Discover our high-quality maintenance and sealing products and see the benefits for yourself in your daily assembly, rust dissolving and sealing tasks as well as many other challenges.



### Preservation, protection, priming and maintenance

No matter whether steel works, paper mill, chemical plant, power station, water works, sewage plant, hospital, health farm or on board ships – the maintenance tasks in industry, production, supply and transportation are many and are becoming more and more complex. They must usually be carried out in shorter and shorter times and with less and less personal. In many areas of industries they therefore trust in the quality of our products.

## Cleaning and degreasing

### 104 Phosphate-free Cleaner

Water based, very strong detergent concentrate. Phosphate free and biodegradable. No hazard to water systems. Can be used on board ships. Preferred applications for the cleaning of surfaces contaminated with vegetable oil or oil of animal origin. Applications in large kitchens, canteens, waste water plants etc. Algae are not only removed from stone and concrete surfaces but they are also deprived of their nutrient base. Can be diluted with water in a ratio of up to 1:80.

### 105 Industrial and Marine Solvent

Strong, highly alkaline water based, third generation detergent concentrate. Removes easily mineral oil and grease residues from practically all surfaces. The concentrate can be diluted with water in a ratio of up to 1:80. It is biodegradable and finds applications in general machinery cleaning, in cleaning systems and even in textile applications. 105 is the standard cleaner for every workshop.

### 118 Descaler

Highly concentrated, acidic cleaning concentrate for dissolving and removing persistent hard water scale from surfaces or heat exchangers. Very suitable for circulating cleaning processes. Removes cement build-up from surfaces and concrete residues from the inside of transportation vehicles and is used for the etching of concrete floors prior to coating with paints.

### 132 Electro Contact Cleaner

Is a solvent based, highly efficient, degreasing and cleaning concentrate. It rapidly evaporates and was developed for the cleaning of tiny precision components such as computers, cameras, printed circuit boards etc. It evaporates completely leaving no residue behind. Cannot be used on equipment under electric current.

## Metal processing

### 606 Oil Cut

Is a high-additive content, pure non-water-miscible cutting oil for all kinds of heavy machining at slow speeds. Works very well with all types of metal. Particularly suitable for vertical work surfaces when applied from an aerosol spray can, as it will stick to vertical surfaces as well as overhead in form of a foam.

## Lubricating and protecting

### 201 Penetrating Oil food grade

A load bearing, desulphurised, white oil specially developed for applications in the food processing industry. It is odorless and tasteless and is mainly used where tolerances are narrow. The extreme penetration possibilities ensure to reduce friction within the important internal bearings of roller chains and similar components. 201 is colorless and therefore also suitable for applications in the textile industry.

### 203 Inside Bearing Lubricant

A lubricant specially developed for the lubrication of inside bearings of chains. It is mineral oil based with penetrating and load bearing characteristics. As the result of special additives, a long lasting, pressure resistant lubricating film is formed within in tight tolerances, and will remain there for some time. The service life of chains is measurably increased, the energy consumption and the noise level are reduced.

### 214 White Grease with PTFE

A mineral oil based, white, NLGI class 2 lubricant with PTFE additives offering first-class water resistance and very good adherence. FDA conform. 214 White Grease with PTFE is particularly corrosion resistant. It was developed specifically for the food processing industry where water and detergents are in daily use and where conventional greases would be washed out, and also for areas where cleanliness is important. It is tasteless and odorless.

### 202 Detergent Lubricating Oil

An extremely penetrating, mineral oil based lubricating oil with detergent additives. It loosens and cleans old, varnished oil and grease deposits and forms, by its special combination of additives, a load bearing lubricating film. 202 Detergent Lubricating Oil is a high performance light oil which finds applications on chains, spindle bearings, tool holders, clamping chucks and drill chucks. Particularly suitable for maintenance equipment and air tools.

### 212 Light-colored Chain and Wire Rope Lubricant

A light colored, clean, extremely well adhering mineral oil based surface lubricant for the lubrication, and protection against wear of chain ropes, open gears and other load bearing surfaces. It has been specifically developed for areas where cleanliness is important and where dark contaminations must be avoided. It forms a strong adhering, flexible protective coating which cannot be washed off with water and which renews itself by pulling lubricating strings over the wear surfaces. 212 Light-colored Chain and Wire Rope Lubricant belongs, together with 203 Inside bearing lubricant, to the „2-step“ lubrication program.

### 215 High - pressure | High - temperature Grease

A mineral oil based, aluminum complex saponified, high pressure, high temperature grease in NLGI class 2 with an excellent resistance to water and oxidation. It is used where high temperatures and pressures are present.

### 220 Synthetic Lubricant

A 100 % synthetic lubricant with excellent high as well as low temperature resistance. At high temperatures, 224 Synthetic Lubricant will not carbonize or become varnished. It evaporates extremely slowly even at high temperatures without leaving a residue. At low temperatures it will remain free flowing. It has excellent penetrating properties and reaches the critical places within tight tolerances in inner bearings of roller chains e.g. Because of its special cleaning effect, it can be specifically recommended for drive chains which operate at high temperatures and where carbonized residues impede functioning.

### 223 Silicone Grease

Is a silicone based lubricant with a special thickener which is used particularly for applications where mineral oil based lubricants cannot, or must not be used. After application, the silicone oil thickens resulting in a grease like consistency and adheres very well to the surface. 223 Silicone Grease is also used as a release agent which prevents the adhesion of dirt, glues, paints, frozen water and many other materials to the surface.

### 261 PTFE Dry Lubricant

A pure, oil free, modified Teflon powder formulated with a rapidly drying solvent. On the surfaces it forms a dry, adhesive lubricating film. 261 PTFE Dry Lubricant does not stain, is invisible and, important for the wood and furniture industry, wood can be stained after it has been applied.

### 222 Silicone Lubricant

A silicone based lubricant which is used particularly for applications where mineral oil based lubricants cannot, or must not be used. Particularly suitable for all non-metal combinations such as plastic/plastic, rubber/rubber, plastic/wood and similar combinations. 222 Silicone Lubricant is, in addition, can excellent release agent which prevents the adhesion of dirt, glues, paints, frozen water and many other materials to the surface.

### 235 White High - temperature Grease

A white, high / low temperature grease in NLGI class 2 with PTFE additives and a 100 % synthetic base. Especially developed for the food industry, it corresponds to all the requirements of modern production facilities. It is resistant against wash out by water, steam, detergents and disinfectants.

### 262 PTFE Coating

Forms a firmly attached, dry, transparent acrylic film which provides a slippery, protective coating through its Teflon contents. Ideal for wood and metal surfaces which should be slippery and to which nothing should adhere, such as chutes, hoppers, slides made from wood or metal. Good corrosion protection. Dirt does not adhere to the surface.



## Maintenance and sealing

### 505 Metal-free Anti-Seize

Is a white, metal-free, high-temperature resistant and pressure resistant Anti-seize. It can be used for all kinds of metal connections, particularly with chromium-nickel alloys and for the prevention of frictional corrosion of all kinds and with all types of metals and alloys. 505 Metal-free Anti-seize does not alter the frictional coefficient between bolts and the female thread.

### 514 Belt Grip

Is a specially developed liquid which, with its special properties, guarantees or reinstates the full tensile force for all types of drive belts. 514 Belt Grip does not only ensure a good frictional contact between belt and pulley but also cares for and protects the belt base material.

### 525 Thread Sealing Tape

Is a unique and dense thread sealing tape based on pure PTFE for best and easiest sealing. 525 Thread Sealing Tape is oil resistant and easier to handle as hemp or putty. Intended for single use only.

### 527 Moldable Polymer Gasket

Is a white, pasty material for the individual, in situ manufacture of gaskets of any size and thickness. The curing is initiated by means of a spray-on activator. 527 Moldable Polymer Gasket will seal even on rough and uneven surfaces and maintains its unique rubber-like flexibility during the entire period of use. If required, 527 Moldable Polymer Gasket can easily be removed from the surface – even after many years of service.

### 511 Rapid Rust Penetrant

Is an extremely fast penetrating, complex liquid which penetrates even in extremely narrow tolerances in rusted-up screw connections, soaks through the compressed rust oxides and lubricates them. Even heavily corroded screw connections and bolts can normally be loosened after a short penetration time. 511 Rapid Rust Penetrant is acid-free and does not attack metals or polymers.

### 521 PTFE Thread Sealing Tape

Is a unique, extreme dense thread sealing tape based on pure PTFE for best and easiest sealing. 1 1/2 – 2 windings are enough to make a safe, leak-proof pipe thread which will even tolerate small adjustments. 521 PTFE Thread Sealing Tape is chemically inert and suitable for all media except liquid oxygen.

### 526 Copper Tape

Is a special DEPAC development for sealing pipe threads in a broad temperature range from -240°C to +260°C. Normally 1 1/2 – 2 windings are sufficient. The copper layer operates in addition as an active corrosion inhibitor and Anti-seize. The pipe threads can easily be opened again even after years of service.



## Preservation, protection, priming and maintenance

### 303 Moisture Shield

Is a water-displacing liquid which protects against corrosion. Blank metal components receive a corrosion protection lasting up to 18 months, outdoors up to 10 months. Electrical components can be dried with 303 Moisture shield. The protective film does not normally need to be removed, however, if it should be necessary, it can easily be done by means of DEPAC 105 Industrial and marine solvent.

### 321 Lacquer Coating

Is a varnish sealant which, after curing, leaves a clear, permanent protective coating on all surfaces as ferrous metals, non-ferrous metals, drawings, pictures, maps and many others.

### 305 Heavy Duty Rust Guard

Provides after application, a corrosion-protection coating which is wax-like and permanently elastic. Its self-healing properties close minor damage. Ideal for parts in shipment and components in storage indoors or outdoors, corrosion protection period of 2 to 3 years and longer.

### 335 Cold Galvanizing Compound

Is made of pure zinc dust of the smallest available particle size with a minimum quantity of binding agent and transport liquid. After application and drying, a pure zinc film will be forming which will engage in an electro-chemical reaction with the ferrous base material forming additionally a zinc oxide layer. Through a combination of this and the sacrificial anode effect of the zinc, the surface is protected in a superior way from corrosion. It is also very well suited for the repair of damaged surfaces on galvanized parts.



## DEPAC Comtec High performance polymer composite systems

The result of research studies has been that approximately 80 % of all failures in machines, appliances and equipment in industry is caused by failure of their surfaces. Corrosion, chemical attack, wear etc. destroy thousands of millions of dollars in economies of the industrialized countries of the world. Therefore today's industrial life can no longer be imagined without structural high performance polymer composite systems. The technology used in these systems has been tried and tested in a wide range of applications, from space travel to high-tech sports equipment down to objects in daily use as of today. The challenges in a wide range of industrial applications became obvious to DEPAC early on and therefore we introduced a large number of effective and economical products onto the market.

### Repairing and coating

Reconstruction instead of replacement! The considerable annual expense to replace worn, corroded or rusted metal components on pumps, containers, pipelines, tanks, slides, steel structures etc. is so substantial that no company, nor maintenance division, can do the maintenance without the use of DEPAC Comtec products. Expensive replacement purchases of equipment can often be avoided, since in many cases the components become damaged, corroded or worn while their structural strength is still in order. We will show you how you can maintain the value of your production facilities and considerably increase their service life and functionality by means of Comtec high performance composite systems.



## Repairing

### 402 Remet Bandage

Polymer composite material pre-applied onto a bandage. A completely novel repair system, ideal as an emergency repair system for torn or leaking pipelines. Can be used on just about all materials: metal, plastic, wood, glass, glass fiber, reinforced polyester etc. After opening the package, the bandage is applied to the damaged location and cures through reaction with water or moisture. After 30 minutes the repaired area can be operated again.

### 404 Remet

Pasty, corrosion resistant polymer composite material with improved strength due to alloy reinforcements. USDA and FDA approved. For permanent repairs of cracks in metal housings, damaged key beds, uneven flange faces, seized shafts, stripped threads, damaged bearing seats, damaged hydraulic pistons etc. Can be machined like metal after curing.

### 403 Remet RS

A unique, moldable, corrosion resistant polymer composite material with improved strength due to alloy reinforcements supplied in form of a stick. Ideal as an emergency repair system. The required quantity is simply cut off the stick and molded or kneaded by hand and then pressed onto the location to be mended. For rapid repairs of cracks in metal housings, damaged key beds, heating and cooling systems, oil sumps, transformers, batteries, stripped threads, damaged hydraulic pistons and much more.



## Coating

### 424 Receram

Pasty, ceramic reinforced polymer composite material. Developed for protection against abrasion and wear on all metals, particularly for locations where the wear is less than 3 mm (0,12") per year, e.g. in pumps, agitators, pipelines, slides, worm conveyors and everywhere where high metal wear is caused by attack from wet or dry abrasive media. 424 Receram can also be used for the reconstruction of surfaces to recreate the original tolerances. Afterwards, the quality and durability of the surface is often better than that of the original. After curing, 424 Receram can only be machined using diamond tipped tools. Therefore the tolerances must be taken into account before application.

### 432 Receram L

Liquid, ceramic reinforced, high performance polymer composite material. USDA, FDA approved. It also is especially approved by water boards for the use connected with drinking water. Developed for corrosion and erosion protection on all metals, particularly where slight wear is observed, e.g. in pumps, agitators, pipelines, slides, worm conveyors. If used as a coating in swimming pool water storage basins, drinking water containers and other food containers, it is one of the most effective and most economic protection systems. 432 Receram L can be applied with a brush or a roller.

### 426 Receram

Pasty, ceramic reinforced polymer composite material. Developed for protection against abrasion and wear on all metals, particularly for locations where the wear exceeds 3 mm (0,12") per year, e.g. in pumps, agitator machines, pipelines, slides, worm conveyors and everywhere where metal wear is caused by attack from wet or dry abrasive media. 426 Receram forms a tight, extremely wear resistant polymer ceramic layer on the surface which is harder than the metal base but still flexible. 426 Receram cannot be machined after curing. Therefore the tolerances must be taken into account before application.

### 435 Receram L

Liquid, ceramic reinforced, high performance polymer composite material. USDA and FDA approved. Its high density results in extremely effective corrosion and erosion protection on all metals. In particular in e.g. pumps, agitators, pipelines, slides, worm conveyors. Suitable as a coating in swimming pools, water storage basins and container systems. For nearly all media and equipment offering the most effective and economical protective system. 435 Receram L can be applied with a brush or roller.

### 437 Rechem

Solvent free, 2-component, high performance polymer composite material. The extremely close crosslinking of the polymer structure provides the system with an unusual chemical resistance. For the protection of concrete and steel surfaces, e.g. against acetic acid, nitric acid, even concentrated sulphuric acid. 437 Rechem is used everywhere where aggressive chemicals are utilized. Ideal for tank coatings, concrete surfaces and concrete floors. 437 Rechem can be applied by brush, roller or 2-component hot spray gun.

### 460 Primfloor

Solvent free, 2-component, high performance polymer composite material. Reinforced with fire dried quartz sand, 460 Primfloor is the ideal material for sealing concrete surfaces.







Mechanical seals  
Packings  
Hydraulic seals  
Workshop  
Comtec

DEPAC Anstalt  
Wirtschaftspark 44, FL-9492 Eschen  
T +423 373 9700, F +423 373 9719  
office@depac-fl.com, www.depac.at

Your authorized DEPAC dealer:

E200836