



Petrelplus[®]₊

METAL WORKING FLUID



WE PERFORM

Petrelplus Inc. makes high performance lubricants brand Petrelplus+ for automotive and Industrial plant equipments and outdoor machineries. Our innovative technology results in superior performance, huge energy, maintenance and cost savings. Petrelplus Inc. is a dynamic, goal-oriented organization that has excelled in the business of lubricants since two decades. We as an organization have a reputation of giving the best to our customers all over India. The equipment used is of state-of-the-art technology.

Superior performance is our main motto

At Petrelplus Inc., we have sound infrastructure with the production unit, well organized, professionally managed organizations that has a very systematic set up both for production as well as handling our esteemed customers. We are proud to have the best chemist with advanced research & development (R&D) to provide product to avail our valuable & precious mechanism in the industry. All the work is done in-house, adding to the effective utilization of the resources. We have experience of more than two decades in this industry, by keeping in mind about use of oil in massive machinery as well as world class engines; we have a wide range in the Engine oil, Gear oil, Greases Industrial oil & Synthetic lubricants



Petrelplus+ lubricants greatly reduce friction, lubricant consumption rates and lubrication work, whilst prolonging the service life and availability of machinery. It has never been easier to save maintenance cost and resolve lubrication issues at the same time.

Petrelplus+ identifies your needs by listening carefully to what you have to say. Once we have agreed on the common goals to be met we commit ourselves fully. This results in long term partnerships based on shared benefits and value-based pricing. To maintain such relationships, we focus on each customer individually.



It is that a value is a statement of the company's intention and commitment to achieve a high level of performance on a specific QUALITATIVE factor. Our business is providing delight to esteemed customers by understanding their specific personal interests, anticipating their needs, exceeding their expectations, and making every moment and aspect of the relationship a pleasant -- or better yet, an exhilarating -- experience. Our approach is best summed up by our motto:

Together We Can Do It

This is a claim we'd like to explore in greater detail with you personally. Get in touch with us now



 Petrelplus lubricant Mécule



WATER MISCIBLE

Coolants

PROSYNTHCUT -555

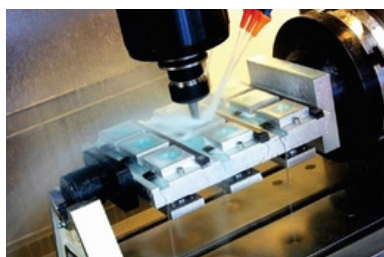
This a synthetic mild duty machining and grinding coolant for ferrous metals. Its clear solution gives good visibility during operation and its excellent extreme pressure additives provide excellent lubricity and antiwelding property, in addition, it exhibits excellent bio stability, rust protection and de foaming property. Its good tramp oil rejection allows to keep the workshop clean and longer coolant life. This solution has clear colorless, mild odor, and longer use life, so it is economical. It is easily waste treated by general treatment method.

PROSYNTHCUT -550

This product is nitrite free synthetic grinding coolant that provide excellent rust protection with cast iron. It may be highly diluted with water while still providing protection to freshly ground surface. There is no oil, eliminates sand mist disposal problems common with soluble oil. Its transparent solutions and stay transparent, allowing operators to see close tolerance surface grinding will not emulsify tramp oils, thus eliminating smoking and misting. It is also non foaming and suitable for high speed surface grinding.

PROSYNTHCUT -100

Resist represents a technological breakthrough in emulsifiable coolant chemistry. This is a heavy duty, semi synthetic bio-stable micro emulsion. It has been developed to meet the toughest demands of today's metal working industry. This high performance multipurpose long-life semi synthetic cutting fluid is recommended for machining grinding etc., for variety of ferrous and non-ferrous metals. It combines the heavy duty properties of an EP soluble fluid with the superior qualities and long sump life of a semi synthetic fluid. Its excellent wetting ability permits the more lubricity.



BENEFITS

- Increased Speeds and feeds**
- Extended Tool Life**
- Reduced scrap rates**
- Minimum down time**

WATER MISCIBLE

Coolants

SWISSCUT

SWISSCUT is economical and environment- friendly, long life water-soluble oil, suitable for all moderate machining and grinding operations on all ferrous and non-ferrous metals like aluminium, steel alloys, cast iron and yellow/brown metals except titanium and magnesium. It is formulated with refined naphthenic base oil, natural emulsifiers, corrosion inhibitor package and biocides.

PROSOLCUT-EP

The Prosolcut extreme pressure water soluble cutting fluid designed as a EP coolant for grinding iron and steel. It has excellent cooling and anti rust properties. It sheds grinding debris readily, keeping the wheel exceptionally clean and free cutting, thus promoting high surface finish and improving grinding accuracy. This product is also nitrite free and can be used from heavy to light grinding & machining for ferrous metals. Petrelplus highly recommends this product for any special condition applications.

FASTCUT

This product is made from high viscosity index base stocks and inactive sulfurized fats with good lubricating properties. It is a non-staining and non-corrosive on copper metals, and can be used in multi-spindle lathes like grinding and machining etc. This coolant is readily emulsifiable in water and forms stable emulsions. It is suitable for a wide range of water qualities and is resistant to foaming. This emulsion can provide extended coolant life. It is recommended for all general purpose like machining operations of ferrous and non-ferrous metals.



BENEFITS

- Good emulsion stability
- Fine Machining Performance
- Extra Corrosion Protection
- Excellent Lubricity

NEAT CUTTING Fluids

PRONEATCUT-375

This is a Neat cutting fluid with a range of highly refined transparent and inactive cutting fluid with extreme pressure properties. These fluid effectively protect the tool and work piece under high speed conditions providing increased tool life. These will be used for machining ferrous metals without fear of staining. These are also suitable for less severe classes of work on non ferrous metals and are excellent for automatic lathes, screw cutting M/CS etc. This product has special chlorinated EP additives.

PRONEATCUT-585

This product is a high performance sulfurized with extreme pressure neat cutting fluid. It is designed with good quality base oils of adequate viscosity, active EP and selected lubricity additives to impart high EP characteristics and excellent surface finish. The product is mainly recommended for gear cutting, gear hobbing, drilling, reaming and thread milling operations. It is free of chlorine compound.

PRONEATCUT-105

This is an extra high performance oil based cutting oils. They are chlorine-free and are intended for severe cutting operations especially on difficult to machine steels. They are corrosive to copper and its alloys. In comparison with other leading premium cutting oils, they oils have demonstrated superior surface finish, extended tool life and control of built-up edge. The oils are formulated to prevent the formation of oil mist in the vicinity of the machine tool, thus contributing to a safer and more pleasant working environment. It is non staining and non corrosive on cuprous metals and can be used in multi spindle lathes where a number of operations like turning, honing, chamfering etc.



BENEFITS

- Extreme Pressure Properties
- Excellent Surface Finish
- Longer Oil Life
- Lower Operating Costs

NEATPLUS-23

NEATPLUS-23 is active type neat cutting oil. This oil contains a sulphurised fatty material, which improves oiliness property thus providing better surface finish Sulphur incorporated in this oil become chemically active at the tool-work piece-chip interface and ensures protection to the cutting tool over a wide range of operating temperatures.

TAPPLUS

TAPPLUS is a 100% synthetic and vegetable-based lubricant designed especially for manual tapping containing friction reducing agent & special EP additive for better lubricity to minimize wear. TAPPLUS will not stain most ferrous metals and provide excellent rust and corrosion inhibitors.

TAPPLUS is a range of high performance lubricants designed for severe metal working operations such as drilling, reaming and tapping. They are highly concentrated mixtures of lubricity and reactive extreme pressure and anti-wear additives. It is recommended for use at full strength for brush-on applications required in reaming, tapping, and threading.

RUST PREVENTIVE Fluids

PREVENTPLUS-A1

This de-watering rust preventive fluid blends from fine solvents quality for ease applications. These oils are non-staining, economical and easily applicable by brush, spray and swab. These are of water displacement type. If applied to wet surface, they will displace water and coat the surface with a proactive film. This obviates the need for specially drying of the parts to be protected. This oil can be used for protection against rust formation during storage of work piece and machine tools. It can be used as a final proactive for tools and machined components.

PREVENTPLUS-A5

This product is an oily-tacky film, solvent-deposited, water-displacing type and temporary rust preventive oil. It offers good protection of components from corrosion said product is available with varying active matter contents to meet requirement at the WIP and for long term sea worthy protection. It is also resistant to dragged in acids and alkalinize. It is good for tools, fasteners, steel strips, components, etc. and can be applied by dip, spraying, brushing.

PREVENTPLUS-A6

"These are specially selected lubricating oils, containing soluble anti-rust inhibitors, to offer high degree of corrosion prevention. These grades serve as lubricants as well as protective. Preventplus A-6 can be applied by dipping, spraying, brushing roller coating, flow coating, flushing or circulation, but the applications surface must be cleaned and dried. The protective film of these grades has lubricating properties and hence. It is not necessary to remove. However, if desired, the film can be removed by wiping. It is good for internal protection of gear box, axle assemblies, oil & fuel pumps, lines & tanks."



BENEFITS

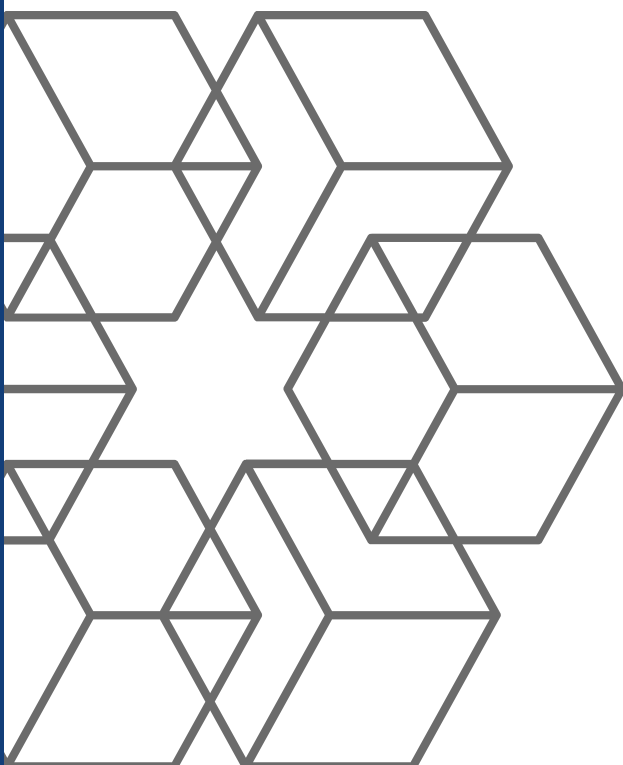
- Good Protection Life
- Non Sticky
- Long Life
- Outstanding Performance

PREVENTPLUS-173

PREVENTPLUS-173 Series of products are premium quality DW type rust preventive materials designed to protect metal surfaces from rust and corrosion. They are formulated using light-bodied petroleum solvents with polar rust preventive, water displacement and fingerprint neutralizing additives. These rust preventives are easy to apply and easy to remove making their application less man-power intensive. PREVENTPLUS-173 is suited for the thin-film protection of finely finished parts between machining operations, including operations where water-soluble cutting and grinding fluids have been used. It is also suitable for use just before parts are packaged for storage or shipment or to "dry" parts as a temporary protection until heavier rust preventive can be applied. PREVENTPLUS-173 is the heavier duty rust preventive designed to provide long term protection under more adverse conditions.

ULTRA-KOTE-1181

ULTRA-KOTE 1181 is a brown solvent deposited rust preventive fluid which, after evaporation of the solvent, gives a hard waxy yet flexible film. ULTRA-KOTE 1181 is a long-term protective for use in severe conditions where a high degree of protection is required. It is ideal for protection of any MS sheet, machines and allied parts which is regularly touched with humid or evaporations of water and chemicals etc.



QUENCHING

Fluids

QUENCHPLUS-55

Quenchplus-55 is a blend of mineral base oils and contains special additives. It is a premium quality accelerated quenching oil having outstanding chemical and oxidation stability, excellent volatility, high flash and fire points and the fastest quench obtainable through properly controlled cooling. This oil has very good thermal properties. This quenching oil is recommended for all normal quenching operations on a variety of steels to impart desired hardness to components without distortions. It is suitable for nuts, bolts, bearings, hand tools, agricultural equipments etc.

QUENCHPLUS-65

It is a blend of highly refined HVI base oils and selective additives to provide high thermal stability and resistance to oxidation and sludge formation. It is suitable for mar quenching of high precision and high quality products like automotive gears, transmission components, tools, dies, bearing, high carbon steels etc. with low rejection rates due to distortion and cracking. This mar-quenching oil that enables the bath temperature to be maintained between 150°C to 220°C. with low rejection rates due to distortion and cracking.

SYNTHQUENCH -100

"This SYNTHQUENCH-100 is blend from 100% synthetic base oil and selective additive to provide advance thermal stability and exceptional oxidation to ensure consistent quenching characteristics and long oil life. This oil is highly suitable for quenching finished components at 150°C to 220°C. There is very less sludge formation. Its evaporate rate is very less than mineral oil. It is suitable for all type of Mar-quenching components, tools, dies etc.



BENEFITS

- Good Oxidation
- Thermal Stability
- No Distortions
- Desired Hardness

MACHINING Fluids

BROACHING OIL

This specially designed broaching lubricants having low viscosity, fortified with high performance extreme pressure additives. The product contains fatty oil, sulphur and chlorine additives to impart high weld load and high lubricity characteristics for prolonged tool life. It gives excellent surface finish, free from nicks and other surface irregularities.

HONPLUS-55

This product is transparent, chlorine free low viscosity oil, fortified with specially selected additives to impart excellent surface finish to machined components. The product is mainly recommended for honing operations on ferrous and non-ferrous metals. It is also applicable for light duty machining operations like turning, drilling, stamping, drawing etc.

EDM OIL

This is designed for use as dielectric in electro discharge machines, it is a unique blend of high paraffin hydrocarbons and carefully selected additives. It has the ability to provide uniform insulation and then to permit controlled electrical discharge at the breakdown voltage. This product is recommended for use in tool rooms, die manufacturing, aeronautical and defense applications etc.

Available In: VG-32, 46, 68, 100, 150, 220



BENEFITS

- Better Surface Finish
- More Inspect Parts
- Reduce Tool Cost
- Longer Oil Life

LUBRICATING / CLEANERS

Fluids

CLEANER-M-86

This product is a specially developed cleanser for cleaning surfaces coated with rust preventive films. CLEANER-M-86 formulated with selective chemicals resulting in less operational/evaporation losses. Cleaner-m-86 light color and has no offensive odour, and instantly removes the film without any stains with no (minimum) damage to paint, when applied to the subject.

RUST REMOVE-WS

This product is a unique, low foam, general purpose cleaner and degreaser, neutral in use dilute, safe on all washable surface a product of new detergent technology. It is an excellent industrial cleaner and is a modern metal safe cleaner, engineered to remove heavy grease and carbon from most metals, recommended to clean engines, auto components, carburetors and heavy equipment. It is itself fully biodegradable although soiled solution may contain non-biodegradable substances removed from objects being cleaned.

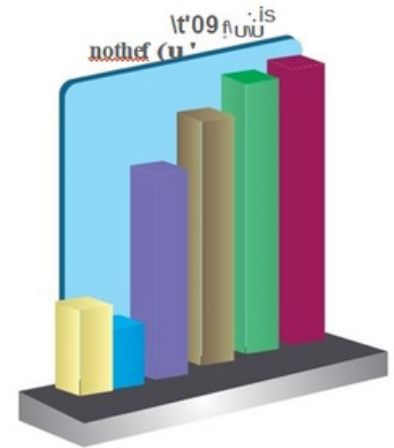
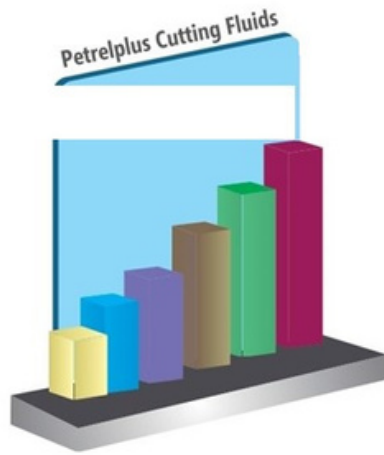
CHUCK PASTE

Soft, white, extreme pressure grease based on synthetic base oil with PTFE (TEFLON[®]) is extreme high temperature grease for long term lubricants on in critical high temperature applications. Assembly lubrication of friction and sliding surfaces under heavy, jerky and vibrating stress particularly proven for the lubrication of chuck jaws of machine tools and to prevent fretting corrosion. Long time lubrication of moving parts subject to vibrating stress i.e. Control and power mechanisms in HUR environment on filling, labeling and packaging machinery also. It is highly recommended for all type of CNC machines.

WAYLUBE

The waylube aw series oils are formulated with high quality base stocks and a carefully selected additive system that result in finished products that provide many desirable features to improve and prolong equipment life. They are designed to work with systems operating under moderate to severe conditions where a high level of anti-wear protection is needed, yet they are suitable for use in many systems where non-anti-wear waylube/ slide oil are generally recommended to use in all type of CNC / VMC machines.

Available In: VG-32, 46, 68, 100, 150, 220



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PETRELPLUS ACTIVE IN LARGE OF INDUSTRIES

Textiles
 Bearings
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 Automobiles

Pharmaceuticals
 Food and Beverages
 Iron,Steel & Minings
 Agricultures and Earthmoving Equipments



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