



*Petrelplus*<sup>®</sup><sub>+</sub>



PLUS YOUR PERFORMANCE

METAL WORKING FLUIDS

# 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 decade. We as an organization have a reputation of giving the best to our customers all over the India. The equipment used is of state-of- the- art technology.

## Superior performance is our main moto

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 decade 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







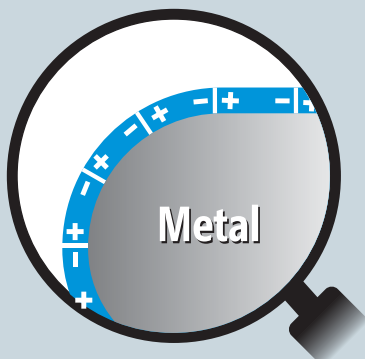
**Petrelplus+** lubricants greatly reduce friction, lubricant consumption rates and lubrication work, whilst prolonging the service life and availability of machinery. It has never been easier to save maintenance cost and resolve lubrication issues at the same time.

**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 Molecule



# WATER MISCIBLE

## Coolants

### ▼ PROSYNTHCUT-555

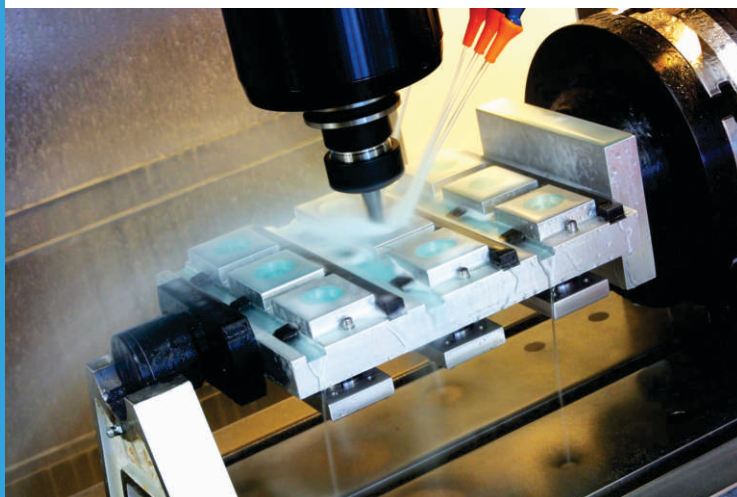
This a synthetic mild duty machining and grinding coolant for ferrous metals. Its clear solution gives good visibility during operation and its excellent extreme pressure additives provide excellent lubricity and anti welding property, in addition, it exhibits excellent bio stability, rust protection 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 and 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. Its also non foaming and suitable for high speed surface grinding.

### ▼ PROSYNTHCUT-100

Resist represent 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. Its 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

To make the emulsion, add the necessary quantity of oil to the water not vise a versa. Meanwhile stir constantly. Do not use hot water or steam. Use absolutely clean vessels

# WATER MISCIBLE

## Coolants



### ▼ PROSOLCUT

Its blended from selective mineral base oil, emulsifier and high performance additives to provide a stable well dispersed milky emulsion with water. It is designed to perform well and form stable emulsion in hard water. The emulsion formed is homogenous and does not split during usage on routine machine shut-downs, under normal conditions. Its imparts has anti-rust and anti-corrosion properties to the emulsion. The suitable biocide incorporated, prevents bacterial growth in the emulsion. This premium Prosolcut product is highly recommended for ferrous & non ferrous metals for fine machining & grinding.

### ▼ 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. Its 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 use from heavy to light grinding & machining for ferrous metals. Petrelplus is highly recommended 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 cuprous metals, and can be used in multi-spindle lathes like grinding and machining etc. This coolant is readily emulsifiable in water and form stable emulsions. This is suitable for a wide range of water qualities and are 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

To make the emulsion, add the necessary quantity of oil to the water not vise a versa. Meanwhile stir constantly. Do not use hot water or steam. Use absolutely clean vessels





## ▼ 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 a 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

# 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 alkalize . 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 application 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



## ▼ QUENCHPLUS-55

Quenchplus-55 is a blend of mineral base oils and contains special additives. Its 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 variety of steels to impart desired hardness to components without distortions. Its 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° to 220° C . There is very less sludge formation. Its evaporate rate is very less then mineral oil. Its 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, forfeited 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, forfeited 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-30

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.

## 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.

### ▼ RUSTREMOVE-WS

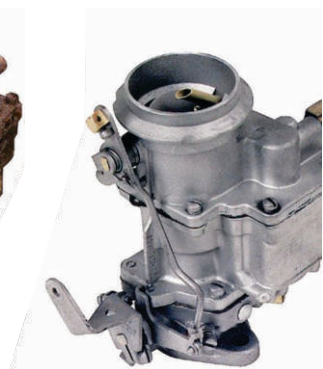
This product is an unique, low foam, general purpose cleaners and de-greaser, neutral in use dilute, safe on all washable surface a product of new detergent technology. It is an excellent industrial cleaner and is a modern metal safe cleaner, engineered to remove heavy grease and carbon from most metals, 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.

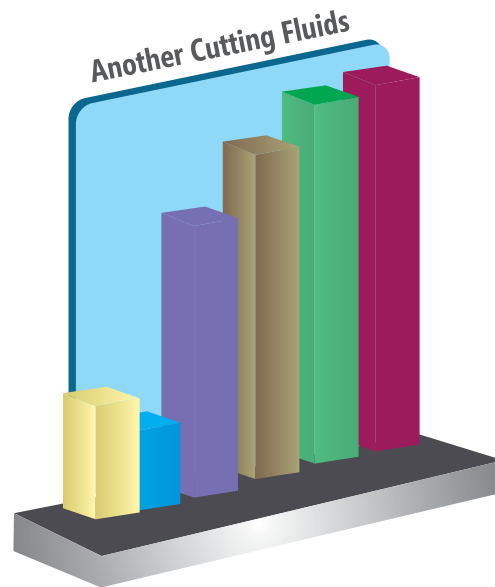
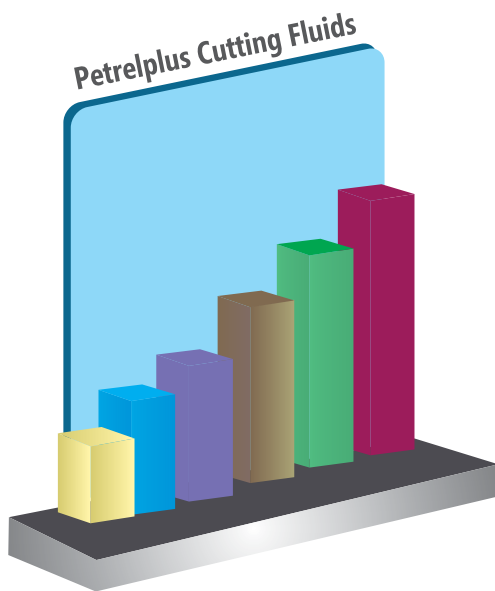
### ▼ CHUCK PASTE

Soft, white, extreme pressure grease based on synthetic base oil with PTFE (TEFLON<sup>®</sup>) 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. Its highly recommended for all type of CNC machines.

### ▼ WAYLUBE 32,46,68

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.





## PETRELPLUS ACTIVE IN LARGE OF INDUSTRIES

- Textiles
- Pharmaceuticals
- Bearings
- Food and Beverages
- Tubes & Pipes
- Iron, Steel & Minings
- Automobiles
- Agricultures and Earthmoving Equipments



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 The Material Safety Data Sheet (MSDS) and Product Data Sheet (PDS) are available upon request through our sales office.





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