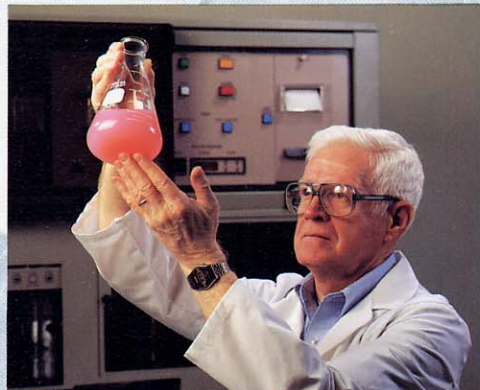


Precisely formulated metal-working fluids for machining, sawing, grinding and tapping.



ReliabOil lubricants and fluids are blended to meet the rigid requirements of precision manufacturing. Each is designed to get your job done, economically and efficiently. That's why reliable is part of our name.



Machining

RealCut Water Soluble Coolants

For use on all machining applications including turning, milling, drilling, sawing, reaming, tapping and grinding.

ADVANTAGES:

ECONOMICAL – Soluble In Water.

NON-GUMMING – Keeps The Work Area Clean.

EXTENDS TOOL LIFE – Formulated With Two EP Additives.

FORMS A STABLE EMULSION – Stays In Solution, Does Not Separate, Contains Additives to Retard Bacteria Growth.

MATERIAL OFFERS VERSATILITY – Use On Most Machining Applications.

The generous quantity of rust preventive gives after-machining protection.

CAUTION – Do Not Use on Magnesium.

RealCut 5003

Economical Water Soluble Cutting and Grinding Compound for Aluminum

This light duty compound is a basic coolant for use on leadloy, brass and aluminum jobs. Our most economical Soluble Oil.

RealCut 5010

Super Heavy-Duty Water Soluble Cutting and Grinding Compound

RealCut 5010 is a chlorine and sulfur based compound for use on all machining applications including broaching. Use on the toughest ferrous metal jobs. Greatly increases tool life.

RealCut 5000

Heavy-Duty Water Soluble Cutting and Grinding Compound

The best all-purpose water soluble coolant. A heavy-duty chlorinated compound for use on ferrous and non-ferrous metals.

RealCut 5015

General Purpose Water Soluble Cutting and Grinding Compound

This compound can be used on ferrous metals, brass and aluminum. The addition of EP additives allows for heavier cuts and faster speeds.

AllCut Straight Oil Compounds

Complex formulas that contain Extreme Pressure Additives, lubricity, wetting agents and mineral oil. AllCut Compounds have low surface tension which allows the lubricant to get right to the point of contact of the cutting tool.

ADVANTAGES:

EXTENDS TOOL LIFE – EP Additives Increase Tool Life.

LONG SUMP LIFE – Straight Oil, Will Not Turn Rancid.

REDUCES REJECTS – Better Finishes And Smoother Threads.

DOES NOT TURN TACKY AND GUMMY – 100% Oil Products, Stays Fluid.

GUARDS AGAINST RUST – Leaves A Protective Coating Of Oil On The Part.

AllCut 1015

Light-Duty Cutting Oil for Turning Applications

AllCut 1015 is a lighter duty material that sheds more readily from the machined parts. Economical and safe for both ferrous and non-ferrous materials.

AllCut 1000

Heavy-Duty Screw Machine and Broaching Lubricant

AllCut 1000 should be used for the most difficult screw machining, broaching and turning applications. It allows increased feeds and gives improved finishes on threads, tapped holes and surfaces. Perfect for stainless steel, high alloy steels and ferrous materials. Not for use on non-ferrous metals.



AllCut 1005

Heavy-Duty Screw Machine and Broaching Lubricant

AllCut 1005 is a low viscosity material that sheds more readily from the machined parts. Because there is less drag out the parts clean easier. Perfect for stainless steel, high alloy steels and ferrous materials. Not for use on non-ferrous metals.

AllCut 1012

Heavy-Duty Cutting Oil for Turning Applications

AllCut 1012 should be the first choice for most machine applications. It allows increased feeds and gives improved finishes on threads, tapped holes and surfaces. This product is used in CNC machines, screw machines, and other turning machines. For use on ferrous and non-ferrous materials.

Machining & Grinding

RealCool Semi-Synthetic Coolants

RealCool is the perfect product for grinding and machining applications.

ADVANTAGES:

ECONOMICAL – High Dilution Rates.

EMPLOYEE ACCEPTANCE – Transparent Solution Allows Improved Visibility At The Work Station.

GUARDS AGAINST CORROSION – Inhibits Surface Oxidation. Leaves A Protective Oil Film On Machinery Surfaces.

TOOLS RUN COOL AND CLEAN – Increases Cutting Tool Life.

DOES NOT TURN TACKY OR GUMMY – Keeps The Work Area Clean And Neat.

RealCool 4135 Semi-Synthetic Coolant for Moderate-Duty Applications

RealCool 4135 is a truly versatile product, one that can be used on practically any job in the shop.

RealCool 4140 Semi-Synthetic Coolant for Heavy-Duty Applications

RealCool 4140, with its EP additive, is one of the best coolants on the market today for heavy duty applications. A truly versatile product, it can be used on the tough jobs to increase tool life and improve the finish.

TruCool Oil Free Synthetic Coolants

TruCool is a completely versatile product that can be used on all grinding and machining applications.

ADVANTAGES:

ECONOMICAL – High Dilution Rates.

LOW FOAM PROPERTIES – Solution Stays In The Tank.

GUARDS AGAINST CORROSION – Inhibits Formation Of Oxidation.

EMPLOYEE ACCEPTANCE – Keeps Work Area Clean And Neat.

LONG SUMP LIFE – Rejects Tramp Oils.

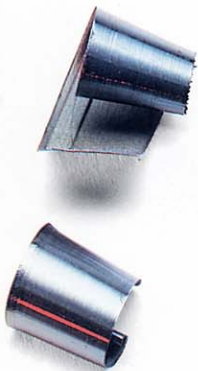
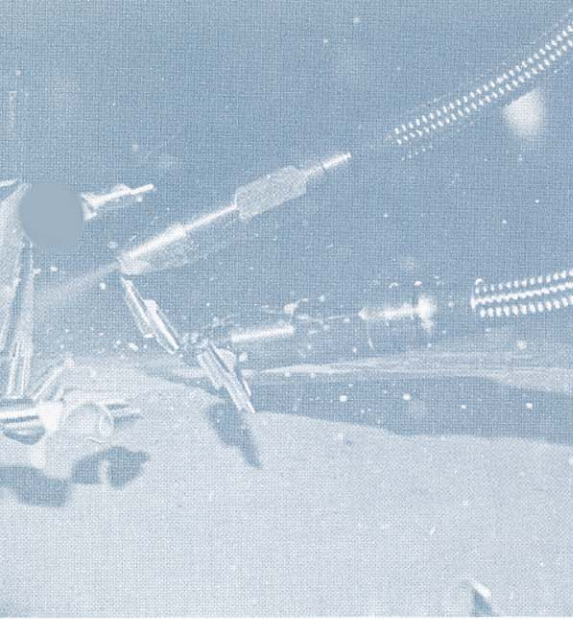
100% BIODEGRADABLE – For Ease Of Disposal.

TruCool 2028 General Purpose Synthetic Machining & Grinding Coolant

This coolant should be your first choice when considering synthetic coolants. Contains EP additives and can be used on ferrous and non-ferrous materials. Bacteriacides give prolonged sump life.

TruCool 2030 Heavy-Duty Synthetic Machining and Grinding Coolant

Whenever a good finish or clean threads are required, this is the coolant to consider. This is a heavy-duty coolant for all types of materials and should be your first choice when considering synthetic coolants for the really tough jobs.



Grinding

TruCool 2033

Synthetic Grinding Compound

Use TruCool 2033 on grinding and related applications; rotary surface grinders, diamond wheel grinders, abrasive belts and cut off wheels.

ECONOMICAL – High Dilution Rates.

LONG SUMP LIFE – Rejects Tramp Oils.

LOW FOAM PROPERTIES – Solution Stays In The Tank.

GUARDS AGAINST CORROSION – Inhibits Formation Of Oxidation.

100% BIODEGRADABLE – Completely Synthetic For Ease Of Disposal.



Sawing

TruCool 2050

Synthetic Coolant For Sawing And Misting Applications

TruCool 2050 is an oil-free, synthetic coolant that is completely biodegradable. TruCool 2050's penetrating ability makes it the ideal product to use with mist coolant systems, band saws, cold saws and power hack saws. It gets right to the point of contact of the cutting tool where its reduced surface tension helps keep the tool cool. TruCool also guards against corrosion by inhibiting Surface Oxidation. The ideal choice for mist systems and sawing applications.

Realube

The Natural Machining Lubricant

A whole family of truly environmentally safe lubricants for most metal removal applications.

These lubricants acquired directly from nature can be assumed to be environmentally safe because they are a natural part of the environment. They have a useful life and then decompose (biodegrade) in a safe and beneficial manner. They are part of our everyday life. We come in contact with these natural products on a daily basis with no known harmful effects. They are here for our use and safe for our use.

There are five basic Realube lubricants. Each one is formulated with unique properties that make it a preferred lubricant for all metalworking applications.

ECONOMICAL – Use Small Quantities.

IMPROVES PARTS – Prevents Pulling Threads

BETTER TOOL LIFE – Reduces Friction And Wear

SUPERIOR FINISHES – Clings To Metal For Best Results

CONVENIENT – Available In Pints, Gallons and 55 Gallon Drums

Realube 6725

Heavy Viscosity, Heavy Duty Natural Lubricant

The heaviest duty, high viscosity lubricant. It has clinging ability plus ultra high lubricity factor to offer the best lubricant for the toughest jobs including stainless steel.

Realube 6728

Light Viscosity, Heavy Duty Natural Lubricant

A heavy duty, low viscosity lubricant. It is capable of doing most of the heavy duty jobs while providing good flow and shedding ability.

Tapping

Biodegradable Tapping Compounds

Both of these materials are a new family of tapping compounds formulated in the best interests of employees, work parts and environmental protection. Two of the safest tapping compounds available, they contain no petroleum products, 1,1,1-trichloroethane, chlorine, sulfur or carbon tetrachloride. They are slightly amber in color and viscous enough to adhere to taps or cutting tools.

These two products are versatile enough to give excellent results on high alloy steels, yet they are completely safe and effective on aluminum.

They are recommended for tapping applications to extend tool life and improve hole finish. They can be used for reaming, drilling, milling or turning applications.

Realube 6731

A Heavy Viscosity, Medium Duty Natural Lubricant

A Medium duty, high viscosity lubricant which offers the benefits of our heaviest duty lubricants but is better suited for the more moderate applications in steel, brass, or aluminum.

Realube 6734

A Medium Duty, Low Viscosity Lubricant.

A good all around medium duty lubricant that spreads and sheds from the part easily in cold water.

Realube 6737

A Light Viscosity, Low Flash, High Performance Natural Lubricant.

A high performance, low viscosity and a low flash point makes this the ideal product to use when a heat treating or welding process follows the machining application.



RealTap 3114

Tapping Compound

RealTap 3114 has an emulsifying agent included in the formula so that if used in a machining application where a water soluble coolant is used, it will wash off of the part or tap and go into solution with the coolant. Once in the coolant it will actually enhance the performance of the coolant.

RealTap 3115

Tapping Compound

RealTap 3115 can be used in the same application as RealTap 3114 but it does not contain an emulsifying agent. Therefore you may not want to use it in conjunction with coolant applications.

Specialty Products

WayOil 7100

Machine Tool Way Lubricant

WayOil 7100 leaves a physical barrier of oil between moving parts to eliminate jerky motions and maintain tolerances. It contains EP additives which become active under extreme conditions. This chemically changes the surface of the metal to actually make it more wear resistant. The rust and oxidation inhibitors give additional protection. The anti-wipe agent keeps the lubricant between the moving parts longer, thus reducing wear and tear.

REAL-A-CIDE

Bactericide for Water-Soluble Metalworking Fluids

REAL-A-CIDE tablets are a convenient method for extending the useful life of metalworking fluids. They contain an active ingredient, the well-known antimicrobial agent Tris Nitro brand of Tris (Hydroxymethyl) Nitromethane, formulated into a compact wafer form for ease of handling.

Cleaner 7007

Heavy-Duty Industrial Cleaner and Sump Renovator

Cleaner 7007 is a heavy-duty, concentrated cleaner that can be used for a variety of jobs at different concentrations depending upon the severity of the application. It contains no chlorinated solvents, abrasives, or phosphates.

- Sump Cleaner
- Light Cleaning
- Mopping Floors
- Hot Tanks

Rid-A-Rust 7212

Rust Preventative for Indoor and Outdoor Storage

Rid-A-Rust 7212 leaves a thick, firm, black coating when applied to metal parts. Perfect for long-term indoor or outdoor storage. When extra protection is needed for parts in storage, shipment or production, Rid-A-Rust 7212 is the product you need. Apply with spray, dip or brush, remove with petroleum solvents.

Rid-A-Rust 7201

Rust Preventative for Indoor and Outdoor Storage

Rid-A-Rust 7201 is a water displacing rust preventative that leaves a thin, oily coating on the part. This material has the unique characteristic of being able to get under any water that has been left on the part and then separate it from the part. Once separated, the water evaporates and the rust preventative is left to form a protective shield over the metal. Use to protect tools, dies, parts, or other equipment. Provides long term indoor or undercover protection. Apply with spray, dip or brush. Remove with petroleum solvent, vapor degreaser or lubricating oil.



		Water Solubles				Straight Oils				True Synthetics				Semi Synthetics		Natural Lubricants					Tapping Compounds	
		RealCut 5000	RealCut 5003	RealCut 5010	RealCut 5015	AllCut 1000	AllCut 1005	AllCut 1012	AllCut 1015	TruCool 2028	TruCool 2030	TruCool 2033	TruCool 2050	RealCool 4135	RealCool 4140	Realube 6725	Realube 6728	Realube 6731	Realube 6734	Realube 6737	RealTap 3114	RealTap 3115
Type of Metal	Steel	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Stainless	•		•	•	•	•	•		•	•	•	•		•	•	•	•	•	•	•	•
	Aluminum	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
	Copper	•	•		•			•	•					•	•	•	•	•	•	•	•	•
	Brass	•	•		•			•	•	•			•	•	•	•	•	•	•	•	•	•
	High Alloys	•		•		•	•			•	•	•	•	•	•	•	•	•	•	•		
	Cast Iron									•	•		•	•	•	•	•	•	•	•		
Type of Operation	Turning	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Milling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Drilling	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•		
	Grinding	•	•	•	•					•	•	•	•	•	•	•	•	•	•	•		
	Tapping	•		•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•
	Broaching				•	•	•									•	•	•	•	•		
Clean	Alkaline	Yes	Yes	Yes	Yes	?	?	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Degreaser	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes

Although more than one ReliabOil Coolant can be used on a particular operation or type of metal the ultimate choice should depend not only on those two considerations but also on choosing the most economical product to handle the severity of the job, subsequent operations, environmental considerations and employee acceptance.

Contact your ReliabOil Distributor for assistance on choosing the right coolant for your application.

CLEAN: Question Mark means it will work but will accelerate the depletion of the Alkaline Tank.

