

F5 Products and Solutions for Fluid

Protube Engineering supplies a range of high-quality coolants and lubricants as well as greases and hydraulic oils.

We are continuously researching and improving our product range to keep up with increasing demands and new developments in tribology.

COOLANT AND LUBRICANT (STANDARD)

Stabillo Cut 005, good bacteria resistant water-soluble coolant. It is skin friendly and has a neutral smell. It is mineral oil based therefore it has excellent lubricant properties and is user friendly.

Stabillo Cut Extreme, water soluble universal coolant, with low consumption (smaller droplet size). It is biostatic with good resistance against microorganisms and fungi, not sticky, has excellent cleaning and penetrating properties, and re-emulsifies easily.

Free of toxic materials like DEA, DEA-releaser, formaldehyde or formaldehyde releaser, nitrite, nitrite-releaser, organic chlorine derivates, PCB, PCT, PTBB, etc. and fulfils TRGS 611.

Stabillo Cut ALB SW, water-soluble chlorine free metal working fluid of the newest generation for all cutting operations. This metal working fluid is especially suited for the application where the water hardness is low or very low.



AEROSPACE APPROVED FLUIDS

If your fluids require aerospace approval, we have a range of fluids approved for use by most major aerospace manufacturers:

- Aerojet
- **Airbus**
- Applied Materials
- **Boeing**
- Bombardier Aerospace
- Collins Aerospace
- Fokker
- GE Aviation
- General Dynamics
- Goodrich
- **Lockheed Martin**
- Lord Corporation
- Northrop Grumman
- Pratt & Whitney
- Rolls-Royce
- SAFRAN Group
- etc...



COOLANT AND LUBRICANT (SPECIAL APPLICATION)

Stabillo Cut 1 SW, water-soluble metalworking fluid of the newest generation for all cutting operations without any additional bactericides.

Stabillo Cut 2 EP SW, is a biobalanced, highly additivated, and extreme pressure metalworking fluid. Its excellent EP properties are due to a new development of new synergistic active additives.



NEAT OILS

Vulcan Performance 42, this oil has a high viscosity index, nearly no evaporation, virtually no oil mist forming behaviour and is biodegradable.

PRO NC320, heavy-duty neat cutting oil formulated using renewable vegetable esters. For use in very tough machining operations of hardened steel alloys, tool steels and stainless steels. PRO NC320 is especially effective in modern, high-performance lathes with high pressure chip-breaker units.

PRO NC2200, bio-based straight oil for machining difficult alloys and stainless steels. The formula utilizes a proprietary blend of renewable resources to eliminate the need for traditional additives such as chlorine, sulfur, and animal fats. Allows users to improve their environmental profile by replacing products that contain V.O.C.



SLIDEWAY OIL

Vulcoway ISO 32+, 68+ & 220+, very good demulsifying properties, recommended for the lubrication of spur, worm and hypoid gears in machine tools, a multipurpose oil for machine tool application.

HYDRAULIC OIL

Hydralube, general purpose anti-wear hydraulic oil.

Hydralube Ultra, premium anti-wear hydraulic oil with rust, oxidation and foam inhibitors and zinc based anti-wear additives.



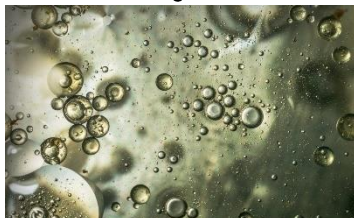
SPECIAL FLUID PRODUCTS

Universal Grease



Universal Long-Term Grease 1950 EP 2, high technology universal lubricant with a strong affinity to metal surfaces. It is totally waterproof and does not emulsify with water.

Thread Cutting



Vulcan TCO (Oil) and TCP (Paste), specifically designed for threaded processing (cutting and forming) of high-alloy steel products.

Rust Protection



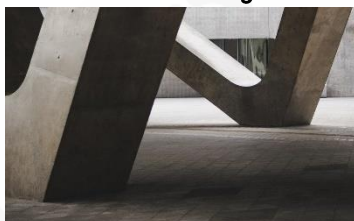
Vulcomet Protection 8010 BF-DW, leaves a light oil film which does not attract dust and still has some lubricating function.

Welding Protection



Welding Protection 450 C, biodegradable release agent that prevents welding deposits to stick on the metal or in the nozzle of a welding gun.

Concrete Release Agent



Sharosol Bio 500, release agent with physical and chemical release characteristics. Makes it possible to have clean, smooth, patch and without blowholes.

Aerospace Approved Fluid



High Quality fluids which are approved by major aerospace manufacturers such as; Lockheed Martin, Airbus, Boeing, Collins Aerospace, Pratt & Whitney, GE Aviation, Rolls-Royce, etc...

OTHER COMPLIMENTARY MACHINES, WEAR ITEMS AND CONSUMABLES



Bandsaw Blades, a range of bandsaw blades for different applications and machines that are cut and welded to your required length.

Bevelling/ Chamfering, a range of high-quality machines, consumables and wear items for all types of bevelling/ chamfering including plate, structural and pipe.



Mist Extraction, high efficiency and minimal upkeep units that can be installed directly on your machine or next to it. It works using electrostatic precipitation which allows for minimal moving parts, low upkeep and excellent reliability.

Oil Skimmers, a range of oil/ tramp oil skimmers from simple belt driven machines to suction machines designed for larger workshops.

