



Italian Metal Working Fluid

Tfluid
special cutting fluid

Thunder blade
special cutting tools



The TFLUID range, complete and designed for you.

The complete range of **Tfluid** products in continual development is made up of specially-designed and produced fluids for different applications, including specific uses. These products are produced in Italy and specially-designed as an alternative aimed at improving performance, reducing management costs and targeting the latest issues relating to the environment and health.

Through **Tfluid**, the **Thunder Blade S.r.l** staff aims to provide concrete technical answers and practical avant-garde solutions, so that this service is at complete disposal of all companies around the country.

The attention our staff pays to the different market needs, combined with the constant efforts by the producer's chemical laboratory, ensure that each product is the result of new technologies and up-to-date raw materials in constant development.



MAIN CHARACTERISTICS

- High flashpoint
- Low evaporation
- Low odour
- Negligible residues

Cleaners and degreasers, solvent base and water base.

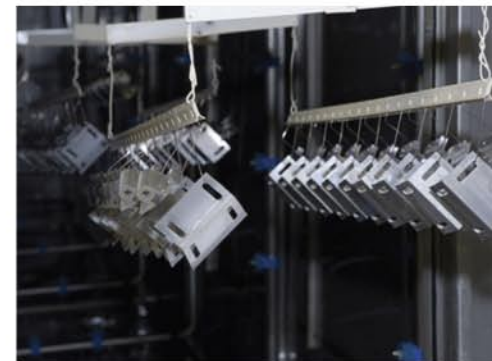
SOLVENT BASE

With maximum safety and efficiency, they act as a replacement for chlorinated and non-chlorinated solvents. For use in the mechanical industry and electro-mechanics; ideal for removing grease, oil and protective coatings from pieces.

WATER BASE

Solutions designed for use in washing tunnels, spray tanks and for manual cleaning of machinery.

- Easily dilutable
- Controlled PH
- Concentrated
- Negligible residues





Modern semi-synthetic and mineral cooling lubricants for adjustment operations and mechanical processing with swarf removal.

Designed with most advanced framework criteria and with raw materials selected to offer and satisfy the highest quality and safety standards. Free from diethanolamines.

PRODUCTION

- Emulsifiable with high levels of EP additives
- Heavy removals on alloy steels
- Removals on malleable alloys
- Inhibited emulsifiable formulas with specific additives

MAIN CHARACTERISTICS

- Multiple processes
- Increased duration of tools
- Stable in hard water
- Little foam with moderately hard water
- Reduced chemical risk
- Reduced biological risk



Complete cooling lubricant fluids from stabilised renewable resources.

Suitable for minimal lubrications.

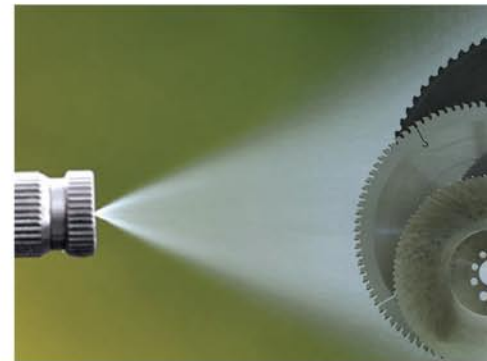
Designed to improve environmental impact, protect the health of operators and increase cutting speed.

ADVANTAGES

- Decreased consumption
- Increased duration of tools
- Improved finish on processed pieces
- Less machine downtime
- Ease of cleaning processed pieces
- Improved skin tolerability compared to mineral base oils
- One single product for different materials

MAIN CHARACTERISTICS

- Excellent lubricating properties
- High cleaning power
- Few residues
- Low fume or mist formation
- No requirements for regular medical visits
- No risk labels

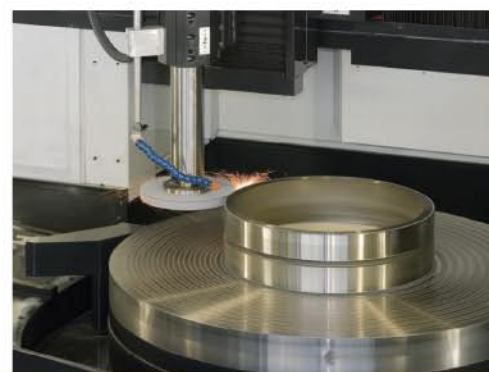




Soluble, synthetic cooling lubricant fluids from renewable sources. Designed to protect the safety of operators, reduce environmental impact, and increase C.N.C. performance.

MAIN CHARACTERISTICS

- Multiple processes
- Increased duration of tools
- Safe for operators
- Reduction of fumes and mist
- Precision processing
- Specialised for adjustment operations
- Increased biostability



MAIN CHARACTERISTICS

- Algicides, microbicides, fungicides, soluble in solutions
- Emulsion regenerators
- Short, medium and long lasting anti-corrosion protection
- Fluids for machine tool guides and slides
- Synthetic biodegradable hydraulic fluids for standard applications
- Fluids for mechanisms with different viscosities
- Fluids for adapters

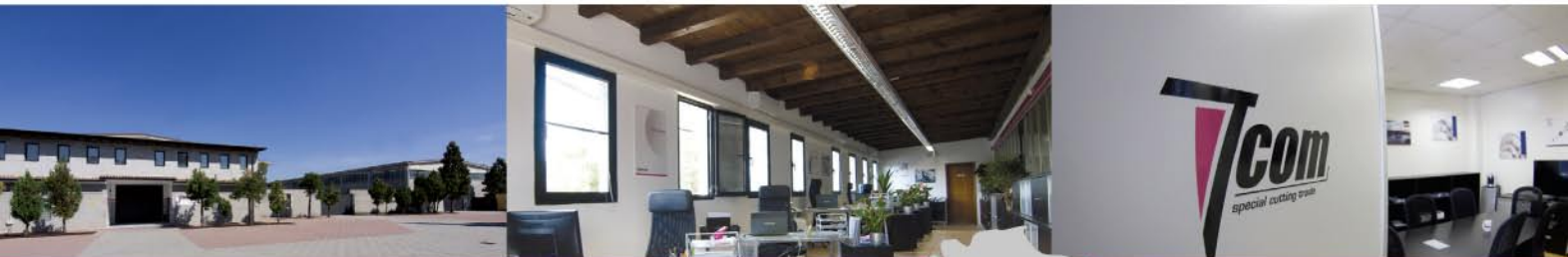




Thunder Blade: quality and expertise

Thunder Blade S.r.l offers an all-round service of consultancy, sales and post-sales support for a complete range of fluids suitable for many different technical applications.

Tfluid's qualified and expert staff is at the client's complete disposal for any requests, analyses and/or supplies relating to the whole application sector of fluids for removals, adjustments, maintenance and service.



Thunder Blade S.r.l and Bandsaws Solutions Theatre are located in Podenzano, a few kilometres from Piacenza, a city which currently represents one of the most important logistical hubs in the north of Italy.

Thanks to its central location in relation to the most important motorway connections and just a few kilometres from Milan airport, Piacenza represents the arrival and departure point for goods from some of Europe's most important companies.

This is evidence of how much Thunder Blade S.r.l focuses particular attention on its clientele, guaranteeing speedy deliveries and prompt assistance.



Thunder blade
special cutting tools

Thunder Blade S.r.l.
S.P. 42 N°1 - 29027 Podenzano
Piacenza - ITALY

ph. +39 0523 559838 fax +39 0523 554843
web: www.thunderblade.it
e-mail: info@thunderblade.it