



**master  
CHEMICAL  
EUROPE LTD.**

# Fluid Solutions for Metalworking





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**M**aster Chemical has been in the business of providing the metalworking industry with the highest quality cutting and grinding fluids for over 50 years. Master Chemical Corporation was founded in 1951. Since then, working closely with the worldwide metalworking community, Master Chemical has developed and marketed a full line of speciality cutting and grinding fluids, cutting oils, concentrated washing compounds and rust preventatives all under the TRIM® trademark. These products are environmentally sound and when used in conjunction with Master Chemical's Xybex® coolant waste minimization systems are the most durable and stable products available anywhere today.



Master Chemical is known as The Coolant Management Company® because of its commitment to helping customers maximize fluid performance and minimize waste.

At Master Chemical Europe, we work closely with our partners and customers to help eliminate all coolant-related problems while attaining the highest productivity rate possible with coolant management technology. As strategic partners we are committed to ensuring Coolant Management practises bring maximum benefits to our customers.



[www.masterchemical.com](http://www.masterchemical.com)



## Philosophy

The Master Chemical philosophy does not stop at merely supplying the best quality fluids and equipment possible. We support these with knowledgeable technical service. We therefore aim to provide a complete package dedicated to saving the customer money and increasing productivity.

## A Global Player

Master Chemical Europe is part of a global organisation. There are Master Chemical production and sales facilities in Europe, USA and China. This truly global presence enables us to react effectively to local trends in each individual market. It also puts us in the enviable position of being able to supply large global customers with product from a local source. The philosophy remains constant and across the world there is a knowledgeable team of sales and service professionals, chemists and dedicated distributors.

## European Manufacturing

Master Chemical Europe keeps ahead of the ever changing European legislation governing metalworking fluids and washing / cleaning compounds. We can formulate and blend products in Europe specifically for the European market. So our customers can be assured of top quality European product that adheres to the legislation that affects them and is stocked locally for prompt delivery.





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## Metalworking Fluids

### Solubles

From general purpose multi metal machining through to specific aerospace alloy and magnesium machining, Master Chemical Europe has the quality soluble oil for your operation and application.



### Semi-Synthetics

Our range of semi-synthetic metalworking fluids covers a wide variety of applications. There are vegetable ester based products through to high oil content semi-synthetics. For a balance of cooling and lubricating properties a Master Chemical semi-synthetic will offer you superb value and performance.

### Synthetics

Master Chemical is renowned for its state-of-the-art synthetic coolants, which are used in the most exacting of environments across the world. Our synthetics offer superb cooling, chip settling, tramp oil rejection and machine cleanliness. Whether it is to extend your wheel life and sump life or for a difficult carbide grinding operation relying on Master Chemical will give you the results you seek.



### Speciality Fluids

In addition to the main lines of cutting and cleaning metal, Master Chemical also supply fluids for other critical operations. From tapping compounds to rust preventatives Master Chemical Europe can provide the solutions to all your machine shop requirements.



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# Master Chemical Product Ranges

*Master Chemical manufactures products of the highest quality to exceed the demands of the most stringent industries. Our products meet the varying legislation across Europe and a number of them are approved by the leading global automotive and aerospace manufacturers.*

MWFs	Wash / Cleaners	Speciality Fluids	Equipment
Soluble oils	Spray	Tapping compounds	Monitoring
Semi-synthetics	Dip	Neat cutting oils	Managing
Synthetics	Ultrasonic	Rust preventatives	Recycling/waste minimization

## Wash Fluids and Cleaners

Spray washers require advanced technology from the wash fluid used. Master Chemical has developed wash fluids with enough detergency to clean the parts but without foaming in these high-pressure applications.

The chemical activity in ultrasonic wash fluids is extremely important, as is the ability to refrain from clouding. Master Chemical has developed products with this application specifically in mind.

Immersion and agitated immersion washes rely on the cleaning power of the wash fluid more than any other washer type. Master Chemical produces a range of such fluids that are effective and safe to use on a variety of metals.





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## Equipment Products

*Master Chemical was the first company to introduce coolant recycling systems. We still provide everything you need to run an effective coolant management programme in your machine shop.*

By monitoring, managing and recycling your fluid you save money through optimising sump life, tool life and wheel life, reducing machine downtime, reducing coolant concentrate purchases and minimizing waste and disposal costs. The ancillary benefits are improved working conditions and more environmental protection.

Master Chemical Europe supplies everything you need to monitor, manage and recycle your fluids. From refractometers, pH strips and titration kits, through to mixers, sump cleaners, oil skimmers and small mobile centrifuges, on to large full recycling/waste minimization systems.



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# Service

*Everyone representing Master Chemical Europe, whether from our UK direct sales team or one of our International Distributor Partners, has received full training and receives regular updated training sessions.*

Their goal is to help you get the best from your coolant, minimize costs and waste and increase productivity. They will help you select the best and most appropriate coolant for the job and keep that coolant in optimum condition as long as possible.

Master Chemical Europe will always provide more than just a product. It is our philosophy to provide backup and support such as monitoring pH and concentrations as well as sample analysis in our well-appointed laboratory.

## Where it has worked....

*Master Chemical has achieved considerable success in a variety of industries including*

- Aerospace
- Automotive/Transportation
- Agriculture/Construction
- Energy/Exploration
- Computers/Disk Drives
- Power Generation
- Compressors
- Machine Tools/Tooling
- Bearings
- Industrial/Electrical Components
- Government/Military/Ordnance
- Medical implants

*More specifically some satisfied globally recognised customers include*

- Ford
- Rolls Royce
- Boeing
- John Deere
- General Motors
- Pratt & Whitney
- Borg Warner
- Raytheon
- General Electric

So why not try us for yourselves!





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## Contact

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Or your local European Distributor Partner is

