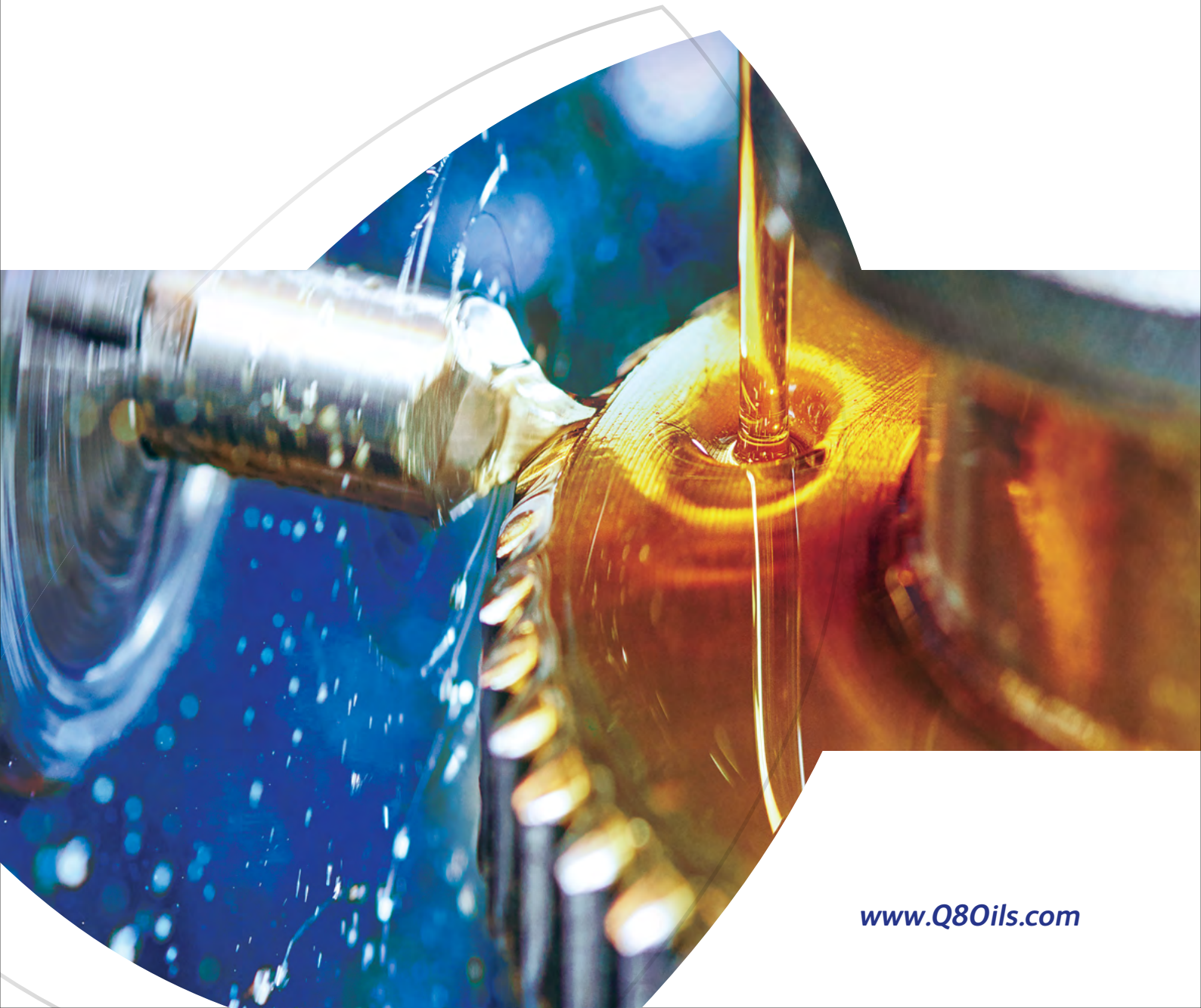


Q8  **Oils**

METALWORKING FLUIDS

Neat cutting fluids

smart engineering solutions



www.Q8Oils.com

Q8 Bach Neat cutting fluids

Metalworking fluids are one of the most complex liquids owing to their chemistry and the environment in which they have to perform. The wide range of materials and applications means that it is not possible to develop one formulation that fits all requirements. Q8Oils therefore offers an extensive product range so that customers can confidently choose the metalworking fluid best suited to their process and application.

As well as performance requirements, we recognise our customers' commercial needs. By offering general purpose to high performance products, we can help you balance criteria such as the severity of an application and productivity against cost.

Q8 Bach products are a range of chlorine free neat cutting fluids designed to suit all metal machining applications including carbon steel, high alloy steels, stainless and heat resistant steel, aluminium and copper alloys. The range is available in different viscosities and base fluids from mineral oil to ester based.



Q8 Bach XNRG

Based on renewable esters, Q8 Bach XNRG fluids are readily biodegradable, which reduces the impact on the environment. They are formulated as non-active neat cutting fluids, free from chlorine, and are suitable for the machining of a wide range of materials and applications. The ester base provides extra lubricity and is resistant to oxidation, resulting in a stable, long lasting fluid.

Product Type	Application						Materials					Properties			
	General machining	Deep hole drilling	Broaching	Gear shaping & cutting	Honing	Thread rolling	Grinding	Steel & nickel alloys	Aluminium	Copper / copper alloys	Exotic alloys	Carbide	Viscosity 40 °C	Flash point (CoC °C)	Copper corrosion
Ester based															
Q8 Bach XNRG 6					✓		✓	✓	✓	✓		✓	6.5	190	1
Q8 Bach XNRG 12	✓	✓	✓				✓	✓	✓	✓	✓		12.5	200	1
Q8 Bach XNRG 15	✓	✓	✓			✓		✓	✓	✓	✓		15	220	1
Q8 Bach XNRG 25	✓		✓	✓		✓		✓	✓	✓	✓		23	205	1
Q8 Bach XNRG 32	✓		✓	✓		✓		✓		✓	✓		32	240	1
Q8 Bach XNRG 44	✓			✓		✓		✓		✓	✓		45	300	1

✓ Recommended

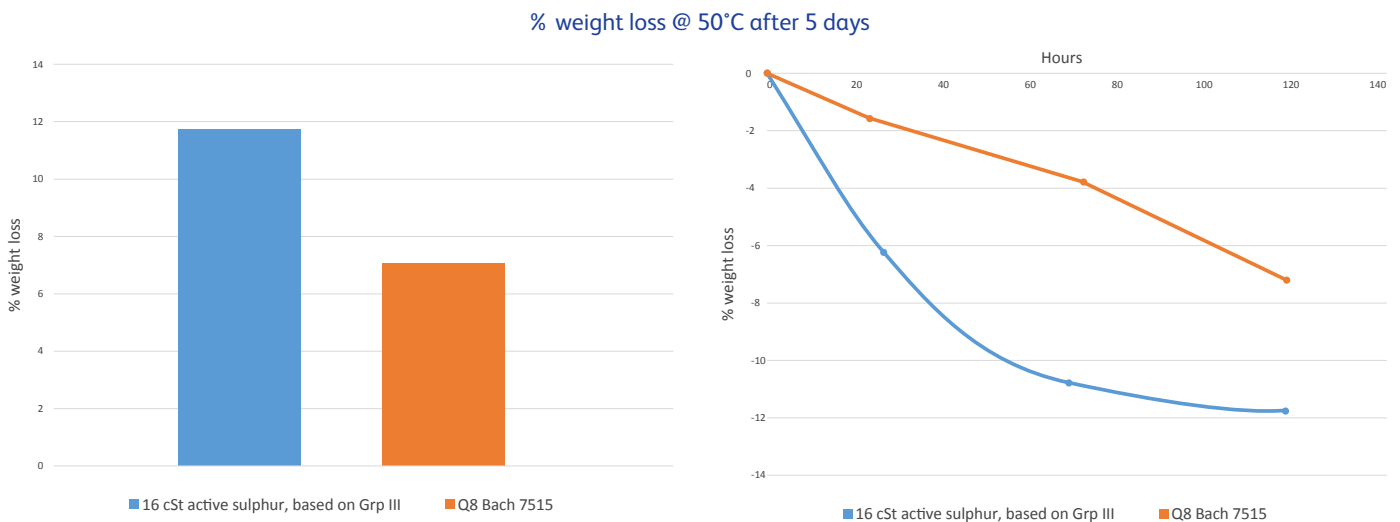
✓ Consult Q8Oils

Further advice is available from your representative or our technical department

Q8 Bach 7000

These high-performance cutting and grinding fluids are based on the latest technology of high purity synthesised base oils; essentially free of polycyclic aromatic compounds (PaH and BaP), resulting in an advanced safety profile. The low volatility reduces consumption and creates a safer and healthier working environment. The range includes products with powerful lubricity and extreme performance additives making it suitable for all machine shop operations.

Comparing evaporation losses of cutting oils



Graphs demonstrate the low volatility of Q8 Bach 7000 versus a neat cutting oil based on Group III base oil. The lower volatility reduces the amount of oil lost to the atmosphere in the form of mist. This results in less oil consumption and less oil mist generated.

Product Type	Application							Materials					Properties		
	General machining	Deep hole drilling	Broaching	Gear shaping & cutting	Honing	Thread rolling	Grinding	Steel & nickel alloys	Aluminium	Copper / copper alloys	Exotic alloys	Carbide	Viscosity 40 °C	Flash point (CoC °C)	Copper corrosion
High purity synthesised base oils															
Q8 Bach 7006					✓		✓	✓	✓	✓			6	170	1
Q8 Bach 7012	✓		✓			✓	✓	✓	✓	✓	✓		12	195	1
Q8 Bach 7022	✓		✓			✓	✓	✓	✓	✓	✓		22	230	1
Q8 Bach 7032	✓		✓	✓		✓	✓	✓	✓	✓	✓		34	200	1
Q8 Bach 7510	✓	✓	✓	✓		✓	✓				✓		9	175	4
Q8 Bach 7515	✓	✓	✓	✓		✓	✓				✓		16	195	4
Q8 Bach 7520	✓	✓	✓	✓		✓	✓				✓		23	200	4
Q8 Bach 7530	✓		✓	✓		✓	✓				✓		33	200	4

✓ Recommended ✓ Consult Q8Oils

Further advice is available from your representative or our technical department

Q8 Bach X

This high-quality range of mineral oil based neat cutting and grinding fluids is chlorine free and designed for all machine shop operations. The range includes products with powerful lubricity and extreme pressure additives and an anti-misting package to reduce the generation of unpleasant and potentially harmful mists into the machine shop atmosphere.

Product Type	Application							Materials					Properties		
	General machining	Deep hole drilling	Broaching	Gear shaping & cutting	Honing	Thread rolling	Grinding	Steel & nickel alloys	Aluminium	Copper / copper alloys	Exotic alloys	Carbide	Viscosity 40 °C	Flash point (CoC °C)	Copper corrosion
Chlorine free mineral-based															
Q8 Bach XNK	✓				✓		✓	✓	✓	✓			5	130	1
Q8 Bach XNL 22	✓				✓	✓	✓	✓	✓	✓			22	205	1
Q8 Bach XNF 6	✓				✓	✓	✓	✓	✓	✓	✓		6	130	1
Q8 Bach XNF 10	✓	✓					✓	✓	✓	✓			10	130	1
Q8 Bach XNF 15	✓		✓			✓	✓	✓	✓	✓	✓		15	185	1
Q8 Bach XNF 28	✓		✓	✓		✓	✓	✓	✓	✓	✓		28	195	1
Q8 Bach XNF 36	✓		✓	✓		✓	✓	✓	✓	✓	✓		36	200	1

✓ Recommended

✓ Consult Q8Oils

Further advice is available from your representative or our technical department

Q8 Bach XAS

Q8 Bach XAS range is based on superior quality Group III base oils, which results in high oxidation stability resulting in longer fluid change cycles and cleaner machines.

Product Type	Application							Materials					Properties		
	General machining	Deep hole drilling	Broaching	Gear shaping & cutting	Honing	Thread rolling	Grinding	Steel & nickel alloys	Aluminium	Copper / copper alloys	Exotic alloys	Carbide	Viscosity 40 °C	Flash point (CoC °C)	Copper corrosion
High purity synthesised base oils															
Q8 Bach XAS 6	✓	✓			✓		✓	✓					6	130	4
Q8 Bach XAS 16	✓	✓	✓	✓		✓	✓	✓			✓		16	145	4
Q8 Bach XAS 24	✓	✓	✓	✓		✓	✓	✓			✓		25	205	4
Q8 Bach XAS 42	✓		✓	✓		✓	✓	✓			✓		41	195	4

✓ Recommended

✓ Consult Q8Oils

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Metal manufacturing solutions

Our metalworking fluids are the result of more than 35 years of product development and application experience. We create smart products that extend tool life and reduce operating costs, while staying a step ahead of the increasing demands arising from increased operating pressures, faster cutting speeds, new materials, advanced tool technologies and future legislation.



Metalworking fluids

- Technologically advanced soluble and neat products
- Increase performance and reduce operating costs
- Advanced safety profile and fully compliant with the latest legislation



Wire & tube drawing oils

- Lubricants for all applications such as bar, rod, wire, tube, strip and profiles
- Balanced lubrication and exceptional cleanliness for optimum performance
- Long life products and excellent surface finishes



Cold rolling oils

- Technologically advanced products suitable for all types of mills
- Reduced VOC emission and higher flashpoints
- High-quality surface finishes



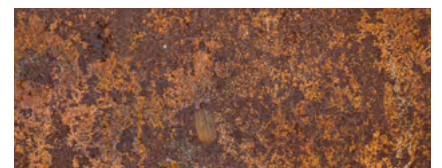
Forming oils

- High-performance products for a multitude of metal forming processes
- Neat and soluble product ranges
- Minimum quantity lubrication (MQL) and vanishing oils



Quenching oils

- Advanced quenching fluids
- Suitable for a wide range of quenching applications
- High oxidation stability and long lasting quenching performance



Anti corrosion fluids

- High-performing corrosion protection fluids for ferrous and non-ferrous metals
- Easy to apply by brushing or spraying
- Excellent water separation when applied by immersion



Greases

- High-performing range of products for various applications
- Designed for ease of application
- Able to operate in harsh environments



Hydraulic oils

- Highly efficient power transfer and pressure resistant
- High and low temperature resistant
- Prevent wear



QCare

- Experienced and knowledgeable technical support
- Dedicated to problem solving and knowledge sharing
- Health & safety, productivity and equipment solutions



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