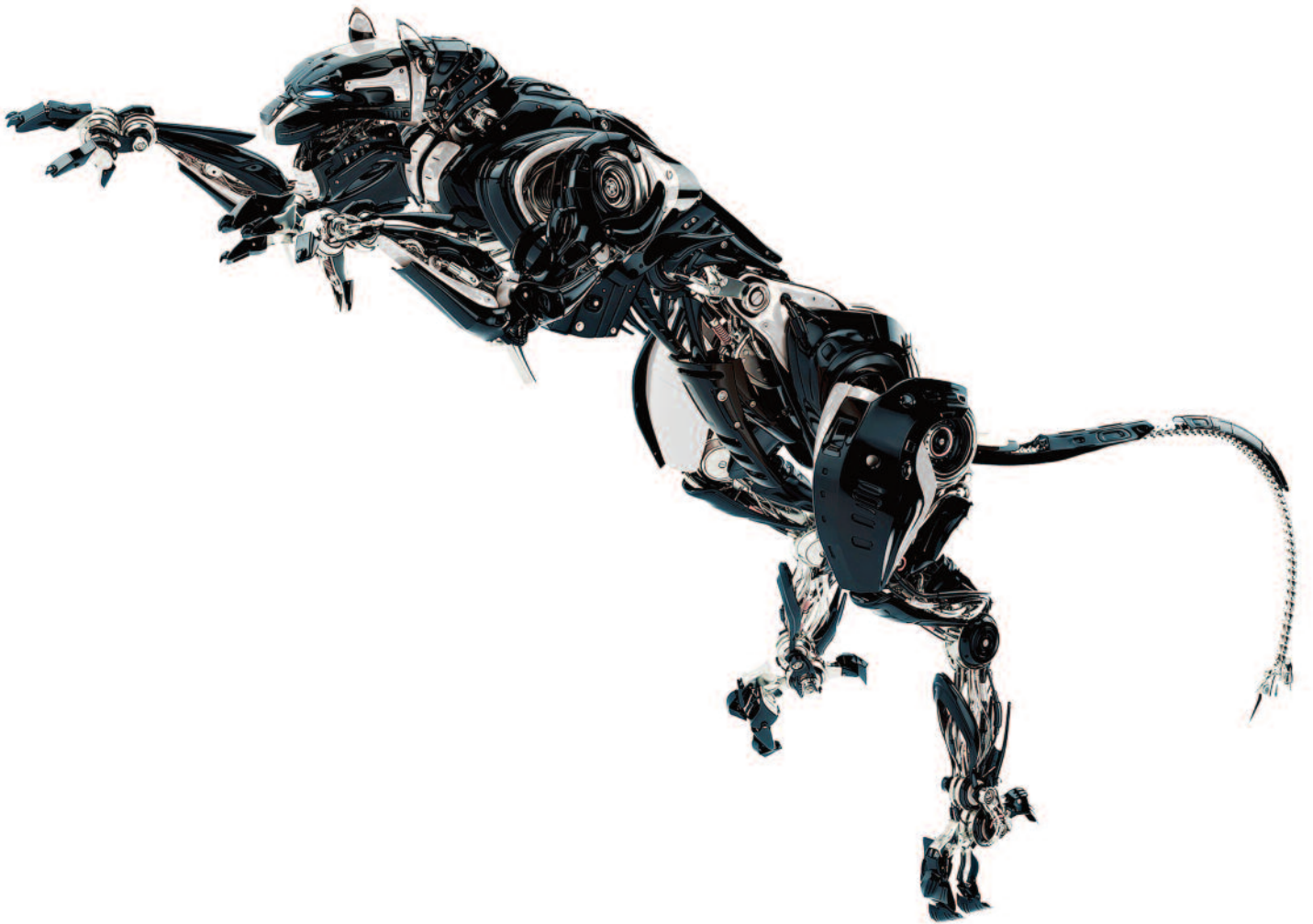


# Q8 Oils

smart engineering solutions



*neat cutting oils*

# neat cutting oils

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. It is therefore essential to offer a wide product range so that customers can confidently choose the metalworking fluid best suited to their process and application.



Complex chemistry, new materials and difficult applications require smart engineering solutions.

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.

There are two product families in the Q8Oils neat cutting oils portfolio:

- Q8 Brahms:**  
*Q8 Brahms is a range of neat forming oils which are developed for all applications of forming from moderate to severe operations. The range covers a wide range of viscosities, and performance characteristics and is suitable for all materials from copper alloys, aluminium, steel, stainless and heat resistant alloys.*
- Q8 Bach:**  
*Q8 Bach products are a range of chlorinated & chlorine free neat cutting oils designed to suit all metal machining applications including cast iron, carbon steel, high alloy steels, stainless and heat resistant steel, aluminium, copper and copper alloys.*  
  
*The range is available as active and non-active grades, differing viscosities and base of product from ester to mineral oil base.*

## Q8 Brahms

Q8 Brahms is a range of active and non-active neat forming oils which are developed for easy to very severe forming operations.

Q8 Brahms Product Type	Viscosity	Operation				Materials				Chlorine	Active Sulphur	Description
		Light	Medium	Severe	Very Severe	Steel	Stainless Steel	Aluminium	Copper/ Copper Alloys			
Q8 Brahms XNK 15	15	■	■			■	■	■	■			For light to medium forming operations.
Q8 Brahms XNK 46	46	■	■			■	■	■	■			
Q8 Brahms XNP 100	100	■	■			■	■	■	■			For light to medium forming operations. Oil can be used as general machine lubricant. Very good anti-wear properties.
Q8 Brahms XNP 150	150	■	■			■	■	■	■			
Q8 Brahms XNP 220	220	■	■			■	■	■	■			
Q8 Brahms XAD	60	■	■	■		■	■				■	Non-chlorinated forming oils for the very severe and extreme demanding forming operations.
Q8 Brahms XAZ 68	68	■	■	■	■	■					■	
Q8 Brahms XAZ 220	220	■	■	■	■	■					■	
Q8 Brahms XAZ 420	420	■	■	■	■	■					■	
Q8 Brahms 7002	3	■				■	■	■	■			High speed punching and forming operations.
Q8 Brahms 7004	3.8	■				■	■	■	■			
Q8 Brahms NCH	100	■	■	■	■	■	■			■		Sulfur free pressworking product.
Q8 Brahms NU	250	■	■			■	■			■		Forming oil for cold heading operations.

# Q8 Bach

*Q8 Bach is a range of neat cutting oils developed to be very oxidative stable which means that they prolong the life of the fluids whilst maintaining colour, viscosity and product integrity.*

The Q8 Bach range also contains Q8's unique anti-mist package which greatly improves health and safety in the workshop by minimising potentially harmful mist being released into the working environment.



*Q8 Bach are formulated with oxidation stable base oils, so maintaining viscosity and product integrity, leading to longer service life.*

Q8 Bach Product Type	Application									Materials							Lubricity Additive	Sulphur EP Additive	Chlorine EP Additive	Appearance	Odour	Viscosity	Density (20°C)	Flash Point					
	General Machining	Deep Hole Drilling	Broaching	Gear Shaping	Honing	Thread Rolling	Gear Cutting	Grinding	Minimum Quantity Lube	Cast Iron	Carbon Steel	Alloyed Steel	Stainless Steel & Nickel Alloys	Aluminium	Copper/Copper Alloys	Exotic													
<b>Mineral-based</b>																													
Q8 Bach XNK																									Pale Straw	Low	4.5	0.85	132
Q8 Bach XNL 22																									Pale Yellow	Low	22	0.88	188
Q8 Bach XNF 6																									Pale Yellow	Low	6	0.83	130
Q8 Bach XNF 15																									Pale Yellow	Low	15	0.86	186
Q8 Bach XNF 36																									Pale Yellow	Low	36	0.88	202
<b>Ester-based</b>																													
Q8 Bach XNRG 12																									Pale Yellow	Low	12	0.88	200
Q8 Bach XNRG 25																									Pale Yellow	Low	26	0.93	253
Q8 Bach XNRG 44																									Pale Yellow	Low	45	0.92	304
Q8 Bach MQL 20																									Pale Yellow	Low	18.5	0.84	164

Recommended  
 Consult Q8Oils  
 Non Active  
 Active

Q8 Bach Product Type	Application								Materials							Lubricity Additive	Sulphur EP Additive	Chlorine EP Additive	Appearance	Odour	Viscosity	Density (20°C)	Flash Point					
	General Machining	Deep Hole Drilling	Broaching	Gear Shaping	Honing	Thread Rolling	Gear Cutting	Grinding	Cast Iron	Carbon Steel	Alloyed Steel	Stainless Steel & Nickel Alloys	Aluminium	Copper/Copper Alloys	Exotic													
Q8 Bach AD																								Amber	Mild	23	0.89	>200
Q8 Bach AH																								Pale Yellow	Mild	39	0.94	>200
Q8 Bach AHL																								Pale Yellow	Mild	12	0.91	>130
Q8 Bach AHM																								Pale Yellow	Mild	20	0.92	>150
Q8 Bach HPG																								Amber	Mild	42	0.99	>200
Q8 Bach NC																								Pale Yellow	Low	30	0.88	>200
Q8 Bach NCL																								Pale Yellow	Low	10	0.85	>200
Q8 Bach NKM																								Pale Yellow	Low	31	0.88	>200
Q8 Bach NQ																								Pale Yellow	Low	23	0.86	>200

Recommended  
 Consult Q8Oils  
 Low  
 High

# about Q8Oils

*Q8Oils is part of the Kuwait Petroleum Corporation (KPC), one of the world's largest oil companies. With 120 years of known reserves and crude oil production levels of 2.9 million barrels per day, it is ranked the seventh largest oil producer in the world. KPC's business spans every segment of the hydrocarbon industry: on and offshore exploration, production, refining, marketing, retailing, petrochemicals and marine transportation.*

Backed by the significant corporate resources of our parent company, Q8Oils is a fully integrated lubricants organisation. Using high quality base oils we manufacture an extensive range of oils in our own blending plants and have established state of the art European laboratories for development and technical support work. Today, Q8Oils metalworking fluids are used by customers in more than 80 countries around the world.

