

Q8 Bach XNF 15

High performance, neat cutting oils.

Q8 Bach XNF is just one of the many product ranges within the Q8 Bach metalworking series, which cover active and non-active products at optimum, high and extreme levels of performance.

Description

Q8 Bach XNF products are chlorine free, non-active neat cutting oil for machining of light and medium alloyed steels and non-ferrous metals, like copper and aluminium.

Application

- The additives incorporated in this grade make it an ideal recommendation for the machine-shop where one oil is used for the maximum number of operations on different metals.

- Typical applications (guide only):

Grinding, drilling and turning:

Q8 Bach XNF 6

Deep hole drilling:

Q8 Bach XNF 10

General machining:

Q8 Bach XNF 15 & 28

Broaching and gear hobbing:

Q8 Bach XNF 36

- A non-active type general purpose cutting oil, chlorine-free, light in colour, low in odour and well suited for the general machining of stainless steels and recommended for severe machining operations involving non-ferrous metals and high tensile steels

Benefits

- Very light colour
- Q8 Bach XNF 36 is a dual purpose oil, i.e. also suitable as hydraulic oil
- Almost no odour
- Oxidation stable
- Minimum mist formation
- High cutting power
- Long tool and oil service life

Features and Benefits

Features

- High removal performance
- High oxidation stability
- High performance additives
- Free of chlorine and heavy metals
- High tool life
- High surface finish of work pieces

Benefits

- For very severe operations
- Long oil life
- High load properties
- Human exposure acceptable products
- Reduces costs
- No re-works

- The formulation is based on high quality hydro-treated mineral oils.

Usage, Care and Maintenance

- Suitable for copper and copper-alloys; no risk on staining.
- In order to preserve the integrity of these products, they should be stored and protected from water-entry and frost.
- Reference should be made to the relevant Q8 Material Safety Data Sheet before use



Properties	Method	Unit	Typical
Viscosity Grade	-	-	15
Absolute Density, 15 °C	D 4052	g/ml	0.8572
Kinematic Viscosity, 40 °C	D 445	mm²/s	14.6
Kinematic Viscosity, 100 °C	D 445	mm²/s	
Viscosity Index	D 2270		
Colour	D 1500		L0.5
Copper Strip, 3 h, 100 °C	D 130		1
Flash Point, COC	D 92	°C	186
Pour Point	D 97	°C	-12
Sulphur	XRF	% mass	0.95
Chlorine	XRF	% mass	nil
Four Ball Test, Weld Load	IP 239	kg	520

The figures above are not a specification. They are typical figures obtained within production tolerances.

Extreme Performance						
High Performance	Cast Iron	Carbon Steel	Alloyed Steel	Stainless Steel/ Nickel Alloys	Aluminium	Copper/ Copper Alloys
Optimum Performance						
General Machining	Q8 Bach XAS 24	Q8 Bach XAS 24	Q8 Bach XAS 24	Q8 Bach XAS 24	Q8 Bach XNF 15	Q8 Bach XNF 15
	Q8 Bach XAF 22				Q8 Bach XND 22	Q8 Bach XND 22
	Q8 Bach XNRG 25					
Deep Hole Drilling	Q8 Bach XAH 10	Q8 Bach XAH 10	Q8 Bach XAH 10	Q8 Bach XAH 10	Q8 Bach XND 12	Q8 Bach XND 12
	Q8 Bach XNRG 12					
Broaching	Q8 Bach XAS 42	Q8 Bach XAS 42	Q8 Bach XAS 42	Q8 Bach XAS 42	Q8 Bach XNF 36	Q8 Bach XNF 36
	Q8 Bach XAF 22	Q8 Bach XAS 24	Q8 Bach XAS 24	Q8 Bach XAS 24		
	Q8 Bach XNI 15	Q8 Bach XAR 20	Q8 Bach XAR 20	Q8 Bach XAR 20	Q8 Bach XND 31	Q8 Bach XND 31
Gear Shaping	Q8 Bach XAS 24	Q8 Bach XAS 24	Q8 Bach XAS 24	Q8 Bach XAS 24		
Honing	Q8 Bach XNK					
Gear Hobbing	Q8 Bach XNF 36					
	Q8 Bach XNRG 44					

The Q8Oils range of neat cutting fluids is developed for use with a broad selection of machining applications and materials. These products should support you in production, optimized work piece surface finish and maximum tool life. All the products are free from chlorinated hydrocarbons.



