

# Q8 Bach NKM

*Heavy duty, non-active neat cutting fluid*

## Product Description

Q8 BACH NKM is a pale coloured, heavy duty, low odour neat cutting oil whose performance is totally independent of Sulphur additives. The formulation includes a special mild non-sulphur EP additive package and a large quantity of lubricity additive. The Q8 mist-reducing additive package is also incorporated in the formulation.

## Applications

This product is recommended for all heavy duty machining operations and where a non-sulphurised oil is necessary or preferred. Excellent performance in operations where an excellent surface finish is of prime importance. Operations include heavy duty turning, threading, and automatic work, milling, drilling, boring, reaming, shaping. Q8 Bach NKM gives excellent performance on all ferrous and non-ferrous materials, including aircraft alloys.

The EP additive package provides boundary lubrication at the tool tip chip interface. This level of lubrication helps prevent the build up of edge and chip welding. It also dramatically reduces tool wear and machine power consumption. The lubricity additive allows continuous spreading of the oil to the tool chip. This helps eliminate oil starvation, judder and a poor finish when using big cuts and high feed rates.

Q8 BACH NKM is particularly recommended for use in machine shops where mist can be a problem. Uncontrolled machine shop mist can affect the health of machine operators. Mist also settles out on the surrounding environment creating an unhealthy working area.

## Summary of Main Features and Benefits

- First choice for a non-sulphurised heavy duty cutting oil
- Excellent cutting performance ferrous or non ferrous on metals
- Excellent finish with light or heavy cuts
- Very low tool wear
- Controls harmful mist formation
- Pale coloured, transparent
- Low odour

## Typical Inspection Data

Appearance	Pale coloured
Kinematic Viscosity @ 40°C (cst)	30.7
Flash Point COC (°C)	200
EP Type	Non active
Lubricity additive	Yes

## Health and Safety

Reference should be made to the relevant Q8 Material Safety Data Sheet before use.

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technical data

