

Q8 Bach XNRG 6

Extreme performance neat cutting oil

Description

Q8 Bach XNRG 6 is based on renewable esters which are readily biodegradable. Formulated as non-active neat cutting fluid, free from chlorine and suitable for the machining of a wide range of materials. These include cast iron, carbon steel, high alloy steels, stainless steel, heat resistant alloys, aluminium, copper and copper alloys. Q8 Bach XNRG 6 is non cobalt leaching. This synthetic product has a high flash point in comparison to mineral oil based products, which in combination with low foaming and the selected extreme performance additives, results in a human exposure friendly product with an extreme good oxidation stability.

Applications

Mainly for finishing operations like grinding, lapping and polishing, but other applications can be considered as well. The extreme long tool life and surface finish reduces manufacturing costs and number of re-works. Q8 Bach XNRG 6 is also suitable for grinding of carbide.

User instructions

In order to preserve the integrity of this product drums should be stored inside a building protected from water entry, frost and direct sunlight.

Environment, Health and Safety

Please consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0.87
Kinematic Viscosity, 40 °C	D 445	mm ² /s	6
Flash Point, COC	D 92	°C	190
Colour	D 1500	-	1.0
Copper Strip, 3 h, 100 °C	D 130	-	1
Four Ball Test, Weld Load	IP 239	kg	420
Electrical Conductivity at 21 °C	D 2624	pS/m	800

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

Remarks

Meets requirements for cooling oils for KAPP NILES grinding machines (except Machine types KX160/260 Twin/S/HS). . Please contact your Q8Oils representative for further advice and support on your specific application and equipment.