PRODUCT DATA SHEET

Q8 Bach XNRG 15

Extreme performance neat cutting oil

Description

Q8 Bach XNRG 15 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. 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 drilling and deep hole drilling, but other applications including severe operations and high load properties as well. The extreme long tool life and surface finish reduces manufacturing costs and number of re-works.

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
Appearance	Visual	-	Bright and Clear
Density, 15 °C	D 4052	g/ml	0,877
Density, 20 °C	D 4052	g/ml	0,873
Kinematic Viscosity, 40 °C	D 445	mm²/s	15
Kinematic Viscosity, 100 °C	D 445	mm²/s	4,0
Pour Point	D 97	°C	-21
Flash Point, COC	D 92	°C	220
Colour	D 1500	-	1.0
Copper Strip, 3 h, 100 °C	D 130	-	1
Four Ball Test, Weld Load	IP 239	kg	> 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 with hydrostatic bearings (except Machine types KX160/260 Twin/S/HS). . Please contact your Q8Oils representative for further advice and support on your specific application and equipment.

Sustainability

*The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Bach XNRG 15 is **2.09** kg CO_2eq / kg.*
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.
For more info check here

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