

Q8 Quesnel WS 100

Water soluble fluid for quenching

Description

Q8 Quesnel WS 100 is a biostable, low viscosity, water-soluble synthetic fluid for the heat treatment of metals. Q8 Quesnel WS 100 is based on a selected mixture of polyglycols to which specific corrosion inhibitors and bacterial growth limiters are added. The product is totally free from mineral oils and the presence of nitrites and boron.

Applications

Q8 Quesnel WS 100 diluted in water provides extremely uniform quenching characteristics. Q8 Quesnel WS 100 can be used for a very wide range of induction and flame hardening applications, including the quenching of crankshafts, camshafts, transmission components and bearings. Q8 Quesnel WS 100 is suitable for the treatment of aluminum alloys in order to reduce deformations and ensure uniform cooling.

Environment, Health and Safety

For instructions on safe handling and environmental management, please refer to the product safety data sheet (SDS).

Properties

	Method	Unit	Typical
Appearance	Visual	-	Liquid
Colour	D 1500	-	0,5
Density, 20 °C	D 4052	kg/l	1,058
Kinematic Viscosity, 40 °C	D 445	mm ² /s	80
pH 5% in DI water	E 70	-	9,5
Refractometer Factor	-	-	2.6

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

Remarks

For further advice and support on the product and its application, please contact your Q8Oils representative.