

Q8 Quesnel WS 300

Water-based fluid for metal quenching

Description

Q8 Quesnel WS 300 is a synthetic fluid, soluble in water, for the quenching of metals. Its slower cooling rate during the critical martensitic transformation temperature range ensures a controlled process and minimizes the risk of cracking and distortion, therefore enabling the treatment of high-hardenability steels.

Applications

Q8 Quesnel WS 300 bases its innovative formulation on a selected mixture of polyglycols (PAG) to which specific corrosion-inhibiting additives are added. The specific Glicotemp F 300 formulation allows use in induction quenching and massive quenching of steel parts. It can also be used in the heat treatment of aluminium alloys. By adjusting the concentration between 5 and 30%, the product can meet the specific process requirements as shown in the cooling curves, available on request.

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	-	clear
Colour	D 1500	-	0,5
Density, 20 °C	D 4052	kg/l	1,062
Kinematic Viscosity, 40 °C	D 445	mm ² /s	300
Refractometer Factor	-	-	2,0

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.