



Castrol Surfactant S 620

Surfactant Additive for Metalworking Fluids

Description

Castrol Surfactant™ S 620 is a superior quality emulsifying additive based on highly effective non-ionic surfactant especially developed for mineral oil based soluble metalworking fluids. It is optimised for stability and compatibility as an effective tank-side additive for both single sump machines as well as central systems.

Application

Castrol Surfactant S 620 helps to adjust surface tension of working emulsion thereby improving detergency and chip build up. Its superior wetting properties help keep the residues formed during machining soft and easy to clean. It shows good solubility in water and is low foaming over a wide temperature range.

Typical Characteristics

Name	Method	Units	Surfactant S 620
Appearance	Visual	-	Clear yellow liquid
Density at 15°C	ASTM D 1298, DIN 51757	Kg/m ³	1012
pH, 0.2% aqueous solution	DIN 51369	-	8.6

Recommended Concentrations

Castrol Surfactant S 620 should only be used after consultation with Castrol's Service Representative. Recommended dosage is 0.1% to 0.2%. Overuse can result in increased foaming in the water based system.

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Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719
www.castrol.com/industrial