



Product Data

Surfactant S 625

Surfactant Additive for Metalworking Fluids

Description

Castrol Surfactant S 625 is a non-ionic polyether polyol surfactant especially developed for 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.

It helps improve machinability by adjusting surface tension of working emulsions.

Application

Castrol Surfactant S 625 is especially developed to improve wetting properties of soluble metalworking fluid emulsions to improve their machining performance in critical applications like mapal reaming, tapping, etc.

Typical Characteristics

Name	Method	Units	Surfactant S 625
Appearance	Visual	-	Clear liquid
Density at 25°C	ASTM 4052 DIN 51757 D	-	1050
Cloud Point, 1% aqueous solution	Internal	°C	20

Recommended Concentrations

Castrol Surfactant S 625 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.

Additional Information

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

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