

## Castrol Surfactant S 607

Surfactant Additive for Metalworking Fluids

### Description

Castrol Surfactant S 607 is a non-ionic synthetic alcohol ethoxylate especially developed for soluble metalworking fluids, water based cleaners and deformation products. 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 detergency, reduce chip build up and help adjust surface tension of working emulsions.

### Application

Castrol Surfactant S 607 can be used in all aqueous systems where system cleanliness is a concern resulting in residues and deposition.

### Typical Characteristics

|                                  | Test Method              | Unit              | Value                   |
|----------------------------------|--------------------------|-------------------|-------------------------|
| Appearance                       | Visual                   |                   | Colourless clear liquid |
| Density at 25°C                  | ASTM 4052<br>DIN 51757 D | Kg/m <sup>3</sup> | 982                     |
| Cloud Point, 1% aqueous solution | Internal                 | °C                | 49 - 55                 |

### Recommended Concentrations

Castrol Surfactant S 607 should only be used after consultation with Castrol's Service Representative. Recommended dosage is 0.005% to 0.03%. Overuse can result in increased foaming in the water based system.

### Storage

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.

Castrol, Surfactant, and the Castrol logo are trademarks of Castrol Limited, used under licence

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK  
[www.castrol.com/industrial](http://www.castrol.com/industrial)