

# BONDERITE L-FG F 592 ACHESON

January 2016

## PRODUCT DESCRIPTION

BONDERITE L-FG F 592 ACHESON provides the following product characteristics:

<b>Technology</b>	Lubricant
<b>Product Type</b>	Graphite in water dispersion
<b>Application</b>	Forging die lubricant

BONDERITE L-FG F 592 ACHESON is a state of the art forging die lubricant supplied in concentrated form. Our forging lubricants are known for their high quality and versatility. The use of the high grade graphite in combination with state of the art binder technology ensures excellent performance and economy.

### Special Features:

- Ammonia free

### Application Areas:

Due to its high stability this product can be used in hard water without the risk of precipitations.

Die lubricant for hot and warm forging. BONDERITE L-FG F 592 ACHESON is suitable for the production of a wide range of forgings like T-joints, yoke axles and bevel gears. BONDERITE L-FG F 592 ACHESON is designed for spray application. It can be applied manually or automated, by means of reciprocators or robot based spray systems.

## TECHNICAL DATA

Appearance	black medium viscous fluid
Pigment	high purity graphite
Carrier	water
Diluent	water
Density, kg/m <sup>3</sup>	1,100
Solids content, %	18

## DIRECTION OF USE

### Preliminary Statement:

Prior to use it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

### Dilution & Mixing:

BONDERITE L-FG F 592 ACHESON is supplied as a concentrate to be diluted before use, allowing flexibility and

economy of use.

It is diluted with water, with the ratio determined by the conditions of use.

Before dilution the concentrate should be homogenized.

For the best results use clean water, with a low mineral content and free from microbial infection.

Dilute by adding water to the concentrate.

It is advised to stir the diluted product continuously at a slow speed to prevent sedimentation and ensure a homogenous performance.

### Dilution Ratios:

- 3 to 12 parts of water to 1 part of product, depending on severity of the forging operation

### Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

**Hazards identification**  
**Transport information**  
**Regulatory information**

### Storage:

Store BONDERITE L-FG F 592 ACHESON in a cool place, but do not allow it to freeze. Product should not be used once frozen.

Storage in direct sunlight may overheat BONDERITE L-FG F 592 ACHESON and impair performance.

Always tightly reseal the container to prevent evaporation or contamination.

### Shelf-Life:

- 12 months from date of qualification under original seal.

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Reference 1.1