

BONDERITE L-FG RD-5 ACHESON FORGING LUBRICANT (KNOWN AS RD-5)

Issued 6/5/2013

Description:

BONDERITE L-FG RD-5 ACHESON (known as RD-5) is a smokeless, water based graphite coating used in a wide variety of metalworking operations.

BONDERITE L-FG RD-5 ACHESON (known as RD-5) forms a uniform dry film coating when sprayed on surfaces at temperatures up to and exceeding 600°F (316°C). This product offers many advantages:

- Excellent lubricity
- Efficient filling
- Controlled metal movement
- Good release properties
- Uniform wetting of hot surfaces
- No stickers, fewer rejects
- Less product waste
- No heavy metals or phosphates
- Easy spray application
- Nonflammable -- no fumes or toxic gasses
- Improved plant environment

**Physical Properties:
(as supplied)**

Lubricant	:	processed micro graphite
Fluid component	:	water
Consistency	:	liquid
Density	:	9.0 lb/gal (1.080 kg/l)
pH	:	7.5-10.0
Freezing point	:	32°F (0°C)
Shelf life	:	one year under original seal

Method of Use:**Dilution**

BONDERITE L-FG RD-5 ACHESON (known as RD-5) is supplied as a concentrate that can normally be diluted with ordinary tap water prior to use. Prior to diluting, BONDERITE L-FG RD-5 ACHESON (known as RD-5) containers should be mixed to ensure uniformity.

Dilution Ratios

The dilution ratio varies according to the difficulty of the job. For initial trials, a ratio of one part BONDERITE L-FG RD-5 ACHESON (known as RD-5) to five parts water by volume is suggested.

Application

Diluted BONDERITE L-FG RD-5 ACHESON (known as RD-5) should be applied by conventional spray techniques for best results. Spray application provides more uniform coating thickness and more complete coverage.



**BONDERITE L-FG RD-5 ACHESON
FORGING LUBRICANT
(KNOWN AS RD-5)**

Precautions:

Store BONDERITE L-FG RD-5 ACHESON (known as RD-5) in a cool place, but do not allow it to freeze. Once opened, the container should be tightly resealed to prevent evaporation or contamination. Do not use if frozen or thawed.

See Henkel Material Safety Data Sheet for further precautions and proper first aid instructions.

Container Sizes: 5 gallon (18.9 liters)
 55 gallon (208 liters)

Henkel Corporation | 32100 Stephenson Highway | Madison Heights, MI 48071
PHONE: (248) 583-9300 | FAX: (248) 583-2976 | www.henkelna.com/

Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

