

LOCTITE® LB 8529Known as LOCTITE® White Lithium Grease (Aerosol)
May 2015**PRODUCT DESCRIPTION**

LOCTITE® LB 8529 provides the following product characteristics:

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|-------------------------|--|
| Technology | Lithium grease |
| Chemical Type | Lithium grease |
| Appearance | Smooth white paste |
| Cure | Non-curing |
| Application | Lubrication |
| Specific Benefit | <ul style="list-style-type: none"> • Easy application from an aerosol can • Multi-purpose • High temperature • Long lasting • VOC compliant |

LOCTITE® LB 8529 is a liquid aerosol lubrication paste designed to reduce friction between load bearing moving metal surfaces and/or the combination of metal and plastic surfaces. This product has general purpose lubrication and corrosion protection for open gears and chains, slide conveyors, guide rails, bearings, cams, pistons, machinery, and tools and equipment. It is also an excellent rust and corrosion inhibitor.

TYPICAL PROPERTIES

| | |
|---|------------|
| Specific Gravity @ 25 °C | 0.9 |
| Flash Point - See SDS | |
| Penetration, ISO 2137, worked, 1/10 mm | 290 to 310 |
| Consistency, ISO 6743-99, NLGI Class | 2 |
| Drop Point, ISO 2176, °C | 193 |
| Bomb Oxidation, ASTM D942, N/mm ² drop: @ 25 °C | ≤5.0 |
| Bearing Corrosion, ASTM D1743, rating | 1, 1, 1 |

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use:

1. Provide adequate ventilation.
2. Shake can thoroughly until ball agitator inside can is free.
3. Best results are obtained when the product is at room temperature.

4. Holding can 20 to 25 cm from the surface for open area lubrication, or using the extension tube provided for hard to reach areas, press the nozzle and discharge the product on the assembly.
5. Repeat application if necessary.

Clean-up

1. Turn can upside-down and spray to clear nozzle.
2. Clean hands with hand cleaners.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Storage

The product is classified as flammable and must be stored in an appropriate manner in compliance with relevant regulations. Do not store near oxidizing agents or combustible materials. Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own

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