

LOCTITE® LB 8219

Known as LOCTITE® Extreme Pressure Grease
January 2015

PRODUCT DESCRIPTION

LOCTITE® LB 8219 provides the following product characteristics:

Technology	Oil & Grease
Appearance	Amber paste
Cure	Non-curing
Application	Lubrication
Thickener	Aluminum Benzoate
Specific Benefit	<ul style="list-style-type: none">• Soft texture• Easy to work and pump• Outstanding water resistance• Does not channel• Stays soft after cooling

LOCTITE® LB 8219 is a multi-purpose grease that combines a wide array of desirable properties into a single all-purpose grease. It is formulated to take on extreme pressure conditions. Typical applications of this product include industrial - all types of bearing and machinery conveyors, equipment, motors and pumps; agricultural - tractors, loaders and spreaders; automotive - wheel, steering, and drive shaft bearings; construction - bearings and gears. This product is typically used in applications with an operating range of -29 °C to +232 °C.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.96
Density @ 25 °C, g/ml	8.0
Flash Point - See SDS	
Penetration, ISO 2137, unworked, 1/10 mm	300
Consistency, ISO 6743-99, NLGI Class	1
Drop Point, ISO 2176, °C	232

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. For best performance the mating surface should be clean and free of grease.
2. Apply thin coating to threads and flats of nuts and bolts, assemble.
3. Do not use thinner.

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

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

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 Corporation 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 prior trials to confirm such suitability of our product.

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Reference 0.2