Technical Data Sheet

LOCTITE® LB 8019™

June 2016

PRODUCT DESCRIPTION

LOCTITE® LB 8019™ provides the following product characteristics:

Technology	Lubricant
Chemical Type	Distilled mineral oil distillate
Appearance	Yellow liquid
Cure	Non-curing
Application	Lubrication
Application Temperature	5 to 30°C (40 to 85°F)
Specific Application	• Penetrating oil

LOCTITE® LB 8019™ is a mineral oil distillate based lubricant. This product releases and lubricates assembled mechanical parts or subjects to movement. Eliminates rust, dust, oxide, and moisture from screws and bolts by penetrating deeply and allowing release. It is also useful for unlocking locks, hinges, handles, valves, gears, etc.

TYPICAL PROPERTIES

Specific Gravity @ 20 °C	0.7
Flash Point - See SDS	

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. Shake can thoroughly before use.
2. Spray an even coat of LOCTITE® LB 8019™ from a distance of about 20 cm on screws, bolts, nuts, gears, locks, and on any mechanical coupling blocked by rust.
3. Allow the product to penetrate for several minutes.
4. Thereafter, separate or disassemble parts in a normal fashion.
5. In extreme cases, a second application with a longer soaking time may be required.

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: 5 °C to 30 °C. Storage below 5 °C or greater than 30 °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 Representive.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = 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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