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Technical Data Sheet

LOCTITE® LB 8040™

Known as Freeze & Release
December 2016

PRODUCT DESCRIPTION

LOCTITE® LB 8040™ provides the following product characteristics:

Technology	Lubricants
Chemical Type	Mineral Oil
Color	Amber
Cure	Not applicable
Application	Rust treatment
Dispense Method	Spray
Key Substrates	Metals

LOCTITE® LB 8040™ is a special mineral oil formulation to free rusted, corroded and seized partsThe shock-freezing effect from a stream of lubricant at -43°C will instantly cool parts and cause microscopic cracks in the layer of rustThis allows the lubricating ingredients to wick directly into the rust by capillary actionReleased parts remain lubricated and protected from corrosion

TYPICAL PROPERTIES

Density @ 20 °C, g/ml	0.6
Maximum chill down, °C	-43
Lubricant viscosity, mPa·s (cP)	<5

GENERAL INFORMATION

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

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

Handling Precautions

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material.Keep away from sources of ignition

Directions For Use:

1. Remove dirt and loose rust from parts
2. Shake can thoroughly. Spray at a distance of about 10 to 15 cm onto the fastener to be treated for 5 to 10seconds
3. Allow the product to react for 1 to 2 minutes, before attempting to release the seized part
4. Repeat application if necessary

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 Henkel Representative.

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.

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

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