

LOCTITE[®] LB 8151™

Known as LOCTITE[®] 8151™
January 2015

PRODUCT DESCRIPTION

LOCTITE[®] LB 8151™ provides the following product characteristics:

Technology	Anti-Seize
Chemical Type	Mineral Oil, Lithium Soap, Aluminum, Graphite and EP-additives
Appearance	Grey
Odor	Oily
Propellant	Propane/Butane
Cure	Not applicable
Application	Lubrication

LOCTITE[®] LB 8151™ is an anti-seize spray for threaded connections exposed to high temperatures to prevent seizing and corrosion. This product prevents seizing or jamming in joints exposed to high temperatures (e.g. exhausts of combustion engines and fittings or oil and gas burners). This product is typically used in applications with an operating range of -30 °C to +900 °C.

TYPICAL PROPERTIES

Density, ISO 2811-1 @ 25 °C, g/ml	0.97
Consistency, ISO 6743-99, NLGI Class	1
Penetration, worked, ISO 2137, 1/10mm: @ 25 °C and 60 strokes	310 to 340
Loading Test - 4 ball, ASTM D2596:	
Weld Load, N	4,400
Weld Scar (@ 4,400 N), mm	<4.0
Wear, 1 hour / 400 N, mm	0.95
Copper Corrosion, ISO 2160:	
3 hours @ 100 °C	1b
Pressure @ 20 °C, Bar	3
Delivery Rate, g/s	1.5

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 lubricant 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 part surfaces should be clean and free of grease.
2. LOCTITE[®] cleaners 7063™ or 7070™ may be used to remove oxides and lubricant residues.
3. Shake the product thoroughly before use.
4. Spray on to clean parts, where possible, from a distance of approximately 15 to 20 cm to give a uniform film.

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 **HIGHLY 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.

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

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