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Technical Data Sheet

LOCTITE® LB 8150™

June 2025

PRODUCT DESCRIPTION

LOCTITE® LB 8150™ provides the following product characteristics:

Technology	Anti-seize
Chemical type	Mineral oil, lithium soap, graphite, aluminum and EP-additives
Appearance	Grey
Cure	Non-curing
Application	Lubrication

LOCTITE® LB 8150™ is an anti-seize lubricant to protect threaded connections exposed to high temperatures up to 900°C 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.

MIL-PRF-907-H

LOCTITE® LB 8150™ is tested to the Requirements of MIL-PRF-907-H. Contact Henkel for details.

Typical Properties

Density, ISO 2811-1, @25°C, g/ml	0.9
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 (@ 4,400N), mm	<4.0
Wear, 1 hour / 400 N, mm	0.95
Copper corrosion, ISO 2160: 3 hours @ 100°C	1b
Peak temperature, °C	900
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. Apply to clean parts which need lubricating, avoid excessive lubrication.

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 the specifications of 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 Henkel representative.

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

Disclaimer

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