



# LOCTITE<sup>®</sup> 8153™

January 2008

## PRODUCT DESCRIPTION

LOCTITE<sup>®</sup> 8153™ provides the following product characteristics:

<b>Technology</b>	Anti-Seize
<b>Chemical Type</b>	Mineral and synthetic oil, lithium complex soap and EP additives, Solid lubricant
<b>Appearance</b>	White liquid <sup>LMS</sup>
<b>Cure</b>	Not applicable
<b>Application</b>	Lubrication
<b>Specific Benefit</b>	<ul style="list-style-type: none"> <li>• Metal free formulation</li> <li>• Can be used on copper alloy materials</li> </ul>

LOCTITE<sup>®</sup> 8153™ is an anti-seize spray for threaded connections exposed to high temperatures. 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). It can be used on surfaces subjected to high loads/low speeds at high temperatures. This product is typically used in applications with an operating range of -25 °C to +700 °C.

## TYPICAL PROPERTIES

Density, ISO 3675 @ 25 °C, g/ml	0.837 to 0.857 <sup>LMS</sup>
Consistency, ISO 6743-99, NLGI Class	0
Copper Corrosion, ISO 2160: 3 hours @ 100 °C	1a
Penetration, worked, ISO 2137, 1/10mm: @ 25 °C and 60 strokes	265 to 295 <sup>LMS</sup>
Loading Test - 4 ball, ASTM D2596: Weld Load, N	4,800
Wear, 1 hour / 400 N, mm	0.79

## GENERAL INFORMATION

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

### Directions for use

1. For best performance part surfaces should be clean and free of grease.
2. LOCTITE<sup>®</sup> 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.

### Loctite Material Specification<sup>LMS</sup>

LMS dated July 20, 2004. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

## 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

(°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/mm <sup>2</sup> 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

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Reference 1.1