



# LOCTITE<sup>®</sup> 8000<sup>™</sup>

November 2006

## PRODUCT DESCRIPTION

LOCTITE<sup>®</sup> 8000<sup>™</sup> provides the following product characteristics:

<b>Technology</b>	Oil
<b>Chemical Type</b>	White mineral oil
<b>Appearance</b>	Clear colorless liquid <sup>LMS</sup>
<b>Viscosity</b>	Low
<b>Cure</b>	Not applicable
<b>Application</b>	Lubrication

LOCTITE<sup>®</sup> 8000<sup>™</sup> is a multi-purpose cutting oil used to facilitate machining operations. It can be used to lubricate pneumatic systems. This oil is used in the food, industrial and textile industries. LOCTITE<sup>®</sup> 8000<sup>™</sup> can penetrate inaccessible mechanisms. It is ideally suited for lubricating valve sealings, collars, chains, hinges, cutting knives in food transport equipment and sewing machines. This product is typically used in applications with an operating range of -20 °C to +120 °C.

## NSF International

**Registered to NSF Category H1** for use as a lubricant with incidental food contact in and around food processing areas.

## TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.85 to 0.89 <sup>LMS</sup>
Flash Point - See MSDS	
Viscosity @ 40°C, cSt	60 to 80 <sup>LMS</sup>
Copper Corrosion, ISO 2160	1a
Loading Test - 4 ball, ASTM D2596:	
Weld Load, N	1,800

## 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 Material Safety Data Sheet (MSDS).**

## Directions for use

1. Apply to clean parts where possible, as conventional grease, by means of brush, spatula or grease gun. LOCTITE<sup>®</sup> 8000<sup>™</sup> may be used in automatic lubrication systems.
2. LOCTITE<sup>®</sup> cleaners 7063<sup>™</sup> or 7070<sup>™</sup> may be used to remove old oil residues, but when they cannot be used, it is important to check the compatibility of old oils with the new lubricant.
3. **CAUTION:** Do not apply to conveyors while food is being transported.

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

LMS dated January 23, 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

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$   
 $\text{kV/mm} \times 25.4 = \text{V/mil}$   
 $\text{mm} / 25.4 = \text{inches}$   
 $\mu\text{m} / 25.4 = \text{mil}$   
 $\text{N} \times 0.225 = \text{lb}$   
 $\text{N/mm} \times 5.71 = \text{lb/in}$   
 $\text{N/mm}^2 \times 145 = \text{psi}$   
 $\text{MPa} \times 145 = \text{psi}$   
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$   
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$   
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$   
 $\text{mPa}\cdot\text{s} = \text{cP}$

**Note**

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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Reference 0.0