



# LOCTITE® 8000™

November 2006

## PRODUCT DESCRIPTION

LOCTITE® 8000™ 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® 8000™ 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® 8000™ 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® 8000™ may be used in automatic lubrication systems.
2. LOCTITE® cleaners 7063™ or 7070™ 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**

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Reference 0.0