



LOCTITE[®] 8001™

November 2009

PRODUCT DESCRIPTION

LOCTITE[®] 8001™ provides the following product characteristics:

Technology	Oil
Chemical Type	White mineral oil
Appearance	Colorless
Odor	Odorless
Viscosity	Low
Dispense Method	Spray
Propellant	Propane/Butane
Cure	Not applicable
Application	Lubrication

LOCTITE[®] 8001™ is a multi-purpose penetrating oil for micro mechanisms. It is suitable for the food, pharmaceutical and textile industries. LOCTITE[®] 8001™ 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 -17 °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.

Note: This is a regional approval. Please contact your local Technical Service Center for more information and clarification

TYPICAL PROPERTIES

Density @ 20 °C, g/ml	0.784
Viscosity baseoil @ 20 °C, cSt	174
Viscosity baseoil @ 40 °C, cSt	54
Viscosity baseoil @ 100 °C, cSt	7
Viscosity @ 20°C, cSt	4
Loading Test - 4 ball, ASTM D2596:	
Weld Load, N	1,200
Copper Corrosion, ISO 2160:	
3 hours @ 100 °C	1b
Peak Temperature, °C	150
Pressure @ 20 °C, Bar	3
Delivery Rate, g/s	1.2
Flash Point - See MSDS	

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. Shake can thoroughly. Spray from a distance of about 15 to 20 cm onto the area to be treated.
2. Apply to clean parts which need lubricating, avoid excessive lubrication.
3. Do not apply product to equipment while food is being processed or transported.

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

(°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 ² 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