



LOCTITE[®] 8010™

December 2006

PRODUCT DESCRIPTION

LOCTITE[®] 8010™ provides the following product characteristics:

Technology	Synthetic Oil
Appearance	Clear yellow ^{LMS}
Components	One component - requires no mixing
Cure	Not applicable
Application	Lubrication

LOCTITE[®] 8010™ is a high temperature chain oil. The grease is designed for use as a long-life lubricant to provide superior protection in industrial applications. This product is used for the lubrication of open mechanisms, conveyors, and chains at elevated temperatures. This product is typically used in applications with an operating range of -30 °C to +250 °C.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.841 to 0.861 ^{LMS}
Density, ISO 3675 @ 25 °C, g/ml	1.0
Flash Point - See MSDS	
Viscosity @ 40°C, cSt	80 to 100 ^{LMS}
Loading Test - 4 ball, ASTM D2596: Weld Load, N	1,260

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[®] 8010™ 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^{LMS}

LMS dated January 26, 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 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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