



LOCTITE® 8040

September 2004

PRODUCT DESCRIPTION

LOCTITE® 8040 provides the following product characteristics:

Technology	Lubricant
Chemical Type	Mineral Oil
Color	Amber
Cure	Not applicable
Application	Rust treatment
Dispense Method	Spray
Key Substrates	Metals

LOCTITE® 8040 is a special mineral oil formulation to free rusted, corroded and seized parts. The shock-freezing effect will cool parts instantly down to -43 °C and cause microscopic cracks in the layer of rust. This allows the lubricating ingredients to wick directly into the rust by capillary action. Released parts remain lubricated and protected from corrosion.

TYPICAL PROPERTIES

Density @ 20 °C, g/cm ³	0.6
Maximum chill down, °C	-43
Lubricant viscosity, mPa·s (cP)	<5

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

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

HANDLING PRECAUTIONS

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material. Keep away from sources of ignition.

Directions for use

1. Remove dirt and loose rust from parts.
2. Shake can thoroughly. Spray at a distance of about 10 to 15 cm onto the fastener to be treated for 5 to 10 seconds.
3. Allow the product to react for 1 to 2 minutes, before attempting to release the seized part.
4. Repeat application if necessary.

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.

Note

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Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
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·mm x 0.142 = oz·in
mPa·s = cP

Trademark usage

LOCTITE is a trademark of Henkel Corporation

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Reference 1