



LOCTITE[®] 8106™

April 2009

PRODUCT DESCRIPTION

LOCTITE[®] 8106™ provides the following product characteristics:

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| Technology | Oil & Grease |
| Chemical Type | Mineral Oil, Lithium Soap and EP-additives |
| Appearance | Light brown |
| Odor | Oily |
| Cure | Not applicable |
| Application | Lubrication |

LOCTITE[®] 8106™ is a lithium multipurpose grease for moving parts. The product is used to lubricate rolling and plain bearings and slideways in general industry. It also provides corrosion protection. This product is typically used in applications with an operating range of -30 °C to +160 °C.

TYPICAL PROPERTIES

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| Density @ 25 °C, g/ml | 0.9 |
| Consistency, ISO 6743-99, NLGI Class | 2 |
| Penetration, worked, ISO 2137, 1/10mm: @ 25 °C and 60 strokes | 265 to 295 |
| Drop Point, ISO 2176, °C | >230 |
| Loading Test - 4 ball, ASTM D2596: | |
| Weld Load, N | >2,400 |
| Weld Scar (@ 2,400 N), mm | <4.0 |
| Wear, 1 hour / 400 N, mm | 0.5 |
| EMCOR Test, DIN 51802 | 0/0 |
| Copper Corrosion, ISO 2160: 3 hours @ 100 °C | 1b |
| Peak Temperature, °C | 200 |
| 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. Apply to clean parts which need lubricating, avoid excessive lubrication.

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

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

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|-------------------------------|
| (°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·ft |
| mPa·s = cP |

Note

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Reference 0.2