

# LOCTITE<sup>®</sup> Extreme Pressure Grease

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## PRODUCT DESCRIPTION

LOCTITE<sup>®</sup> Extreme Pressure Grease provides the following product characteristics:

<b>Technology</b>	Oil & Grease
<b>Appearance</b>	Amber paste
<b>Cure</b>	Non-curing
<b>Application</b>	Lubrication
<b>Thickener</b>	Aluminum Benzoate
<b>Specific Benefit</b>	<ul style="list-style-type: none"> <li>• Soft texture</li> <li>• Easy to work and pump</li> <li>• Outstanding water resistance</li> <li>• Does not channel</li> <li>• Stays soft after cooling</li> </ul>

LOCTITE<sup>®</sup> Extreme Pressure Grease is a multi-purpose grease that combines a wide array of desirable properties into a single all-purpose grease. It is formulated to take on extreme pressure conditions. Typical applications of this product include industrial - all types of bearing and machinery conveyors, equipment, motors and pumps; agricultural - tractors, loaders and spreaders; automotive - wheel, steering, and drive shaft bearings; construction - bearings and gears. This product is typically used in applications with an operating range of -29 °C to +232 °C.

## TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.96
Density @ 25 °C, g/ml	8.0
Flash Point - See MSDS	
Penetration, ISO 2137, unworked, 1/10mm	300
Consistency, ISO 6743-99, NLGI Class	1
Drop Point, ISO 2176, °C	232

## 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).**

## Directions for use

1. For best performance the mating surface should be clean and free of grease.
2. Apply thin coating to threads and flats of nuts and bolts, assemble.
3. Do not use thinner.

## 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

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$   
 $\text{kV/mm} \times 25.4 = \text{V/mil}$   
 $\text{mm} / 25.4 = \text{inches}$   
 $\mu\text{m} / 25.4 = \text{mil}$   
 $\text{N} \times 0.225 = \text{lb}$   
 $\text{N/mm} \times 5.71 = \text{lb/in}$   
 $\text{N/mm}^2 \times 145 = \text{psi}$   
 $\text{MPa} \times 145 = \text{psi}$   
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$   
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$   
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$   
 $\text{mPa}\cdot\text{s} = \text{cP}$

## Note

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Reference 0.1