

LOCTITE® LB 8028™Known as CAMSHAFT LUBRICANT
September 2017**PRODUCT DESCRIPTION**

LOCTITE® LB 8028™ provides the following product characteristics:

Technology	Oil & Grease
Chemical Type	Molybdenum disulfide
Appearance	Grey paste
Components	One component - requires no mixing
Application	Lubrication
Specific Benefit	<ul style="list-style-type: none"> • Provides boundary lubrication protection • Reduces fretting wear • Assists wear-in operations • Reduces surface damage during start-up • Lowers friction and wear

LOCTITE® LB 8028™ is a high quality, molybdenum-disulfide based lubricant that resists galling in extreme pressure applications. This product provides excellent lubrication for running in new or rebuilt machinery. During assembly, it prevents high friction, galling and seizing and promotes uniform and predictable clamping. It is used to prevent galling during start-up operations, extend the wear life of moving parts, and protect against fretting and cold welding of moving joints. This product is typically used in applications with an operating range of -30 °C to 398 °C.

TYPICAL PROPERTIES

N.L.G.I. Grade	1
Penetration, worked	300
Evaporation @ 100°C, 24hr, %	0.7
Dropping Point, °C	193
Falex Seizure Load, LB. Min.	3,000
Coefficient of Friction	0.09
4-Ball Wear Scar, mm (40 kg. 1hr. 1800 RPM)	0.64

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 Safety Data Sheet (SDS).

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

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

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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Reference 0.0