

LOCTITE[®] LB 8421

Known as LOCTITE[®] Gear, Chain & Cable Lubricant™

October 2014

PRODUCT DESCRIPTION

LOCTITE[®] LB 8421 provides the following product characteristics:

Technology	Solvent based
Chemical Type	Hydrocarbons
Appearance	Pale Yellow, Viscous liquid
Components	One part - requires no mixing
Viscosity	Low
Cure	Not applicable
Application	Lubrication
Specific Benefit	<ul style="list-style-type: none">• Foaming action permits fast, deep penetration with reduced amount of run off• Protects parts exposed to harmful or corrosive elements - lubricates, protects and prolongs the life of gears, chains, cables and wire rope• Repels dirt, sand and dust leaving the chain clean and minimizing wear on the gear, chain or cable• Formulated with additives that reduce the "throw-off" from centrifugal force - reduces the frequency of repeat applications• Does not contain CFC

LOCTITE[®] LB 8421 is a clear, oily spray lubricant that foams up when applied onto parts that protects and prolongs the life of gears, chains and wire rope.

Typical applications include chain-driven equipment - chain, pin, roller and bushing areas. Sprockets, open gears, wire rope, pulleys, snatch blocks, hoists, conveyors, fork lifts, elevators, overhead door drives, mining, construction, earthmoving and material handling equipment.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C 0.9 to 1.0
Flash Point - See SDS

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 Safety Data Sheet (SDS).

Directions for use:

1. **Note:** Do not apply while parts are moving.
2. Shake can well before using. Product sprays best at room temperature.
3. Generously spray gear, chain, cable or wire rope with lubricant and allow 5 to 10 minutes for complete penetration before operation.
4. Cables and ropes should be completely saturated to ensure protection against corrosion.
5. Regular use will aid in achieving longer life and improved performance.

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

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Reference 0.1