Technical Data Sheet

LOCTITE® LB 8711

Known as LOCTITE® Penetrating Oil
January 2015

PRODUCT DESCRIPTION

LOCTITE® LB 8711 provides the following product characteristics:

Technology	Solvent based
Appearance	Thin brown liquid
Cure	Non-curing
Application	Lubrication
Specific Benefit	• Dries wet metal parts in minutes • Protects tools against rust

LOCTITE® LB 8711 is a standard "tool" for disassembly and assembly of machinery, piping, valves, and other metal fitted parts. This product seeps into cracks and pores fast, quickly cuts through dirt, rust, and oil to loosen rust-locked nuts, bolts, studs, and pipe connections. As a lubricant it deposits a thin, oily coating that displaces water and moisture under the most severe conditions. It also prevents rust and allows for smooth movement of metal parts. Typical applications include disassembling nuts, bolts, studs, and pipe fittings, freeing sticky valves and frozen bearings, disassembling machinery, removing gears and pulleys, pressing of bearings, and loosening up roller chains and conveyor belt drives.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.83

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 liberally to metal joint. Allow time to penetrate. If deep penetration is called for, several sharp hammer raps (be careful not to dent or damage threads) will speed up penetration.
2. Reapply after several minutes.

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

(°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/mm² 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·in
mPa·s = cP

Note:
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