Technical Data Sheet

LOCTITE® LB 8713

Known as LOCTITE® Solvo-Rust® Super Penetrating Oil
April 2015

PRODUCT DESCRIPTION

LOCTITE® LB 8713 provides the following product characteristics:

Technology	Oil & Grease
Chemical Type	Petroleum distillate
Appearance	Straw colored liquid
Viscosity	Flow similar to SAE 10 Motor Oil
Cure	Non-curing
Application	Lubrication
Specific Benefit	• Does not contain CFC • Will not affect painted surfaces • Low surface tension

LOCTITE® LB 8713 is a clear, liquid aerosol penetrating oil that flows between rusted and corroded parts to break the bond of oxidized metal. Typical applications include releasing rusted or frozen lugs, bolts, screws, fasteners, and metal components, general overhaul and repair work and lubricating close fitting parts. This product is used as a lubricant for moving parts.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.8
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 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. Best results are obtained when the product is at room temperature.
2. Shake can thoroughly before use.
3. Spray an even coat of LOCTITE® LB 8713 from a distance of about 20 to 25 cm.
4. Tap part lightly to speed up penetration.
5. Disassemble parts.
6. Second application necessary in extreme cases.

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

The product is classified as flammable and must be stored in an appropriate manner in compliance with relevant regulations. Do not store near oxidizing agents or combustible materials. Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling.
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 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 Representive.

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:
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 0.1