

# Chain Lube BCL-46

Applied Lubrication Technology’s Chain Lube BCL-46, is specifically formulated for use as a bakery chain lubricant where high operating temperatures are the norm and extended lubrication intervals are needed. Chain Lube BCL-46 is a carefully selected blend of high temperature stable synthetic ester, a proprietary lubricity additive package, and clean burning as well as temperature stable base stocks. It is a long lasting lubricant at temperatures up to 287°C (550°F), leaving minimal varnish or carbon residue. While competitor’s lubricants will have degraded and possibly deposited sticky residue, Chain Lube BCL-46 will remain as a liquid for longer periods of time, thereby reducing consumption and emissions from the Chain Lubrication system. This lubricant will also soften carbon residue left from previously utilized lubricants. BCL-46 has been formulated to provide superior wetting and penetrating capability, enabling it to loosen barrels and links which have heavy deposits on them and no longer move freely.

Chain Lube BCL-46 can be used in applications where temperatures can range from ambient up to 287°C (550°F).

Chain Lube BCL-46 is ideally applied by ALT’s automated lubrication systems.

## Technical Specification

| Chain Lube BCL-46                                      | Typical Properties |
|--|--------------------|
| Appearance   | Dark Grey / Black  |
| Odor   | Mild               |
| Viscosity  | 46 cSt @ 40°C      |
| Viscosity Index  | 138                |
| Flash Point (COC) ASTM D92                             | 251°C (484°F)      |
| Four Ball Wear Scar, 1hr, 1800 rpm, 40Kg, 75°C (167°F) | 0.389 mm           |
| Evaporation Loss per ASTM D2595, 204 °C for 6.5hrs     | 5.19%              |

## Product Applications

Although specifically formulated as a high performance, High temperature Bakery Chain Lubricant, Chain Lube BCL-46 can also be used for the lubrication of many different mechanical systems such as; bearings, gears, sprockets, hinges, firearms, linkages, threads, slides, cables, locking mechanisms and more.

## Product Packaging

Chain Lube BCL-46 is available in 18.9 Liter (5 Gallon) pails, 200 Liter (53 Gallon) drums, and 1200 Liter (317 Gallon) totes.

All reasonable care has been taken to ensure the information contained in this document is accurate as of the day of printing. However, such information may be affected by changes in the blend formulation occurring subsequent to the day of printing. Material Safety Data Sheets are available for all Applied Lubrication Technology Inc. products and must be consulted for appropriate storage, safe handling and disposal information of the product. Please contact us for more information. October 2012.