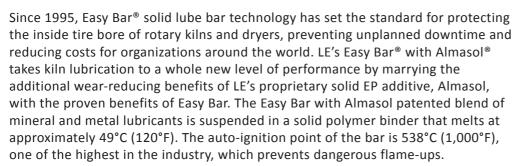
# **Product Information**

# Easy Bar® with Almasol® (9210)

# Easy-To-Apply Melting Lube Bars Prevent Costly Wear in Rotary Kiln and Dryer Components



When the bar is placed between the tire bore and shell, the binder melts – leaving no residue – and the rolling action of the kiln distributes the lubricant where it's needed to create a lubricating film that protects against costly steel-on-steel contact. Due to the high temperatures and high loads in this application, proper lubrication of the tire bore is essential to minimize shell ovality, protect wear pads, and lengthen refractory life.

Easy Bar with Almasol takes less time to apply than traditional kiln lubrication methods. For best results, bars should be applied weekly, with the quantity determined by using kiln measurements.



#### **Beneficial Qualities**

#### **Patented Blend**

- Contains proprietary blend of mineral and metal lubricants suspended in solid polymer binder
- Binder completely evaporates, leaving no sticky residue to collect debris
- Contains Almasol, LE's proprietary wear-reducing additive

#### **Cost-Saving Protection**

- Reduces friction and wear between surfaces for smooth tire bore surface
- Protects wear pads and maintains creep
- Prevents refractory damage by minimizing shell ovality

#### Safe, Time-Saving Solution

- Causes no dangerous flame-ups, thanks to auto-ignition point of 538°C (1,000°F) – highest in the industry
- Can be inserted easily in minutes either manually or by using the Lubricator insertion tool

### **Proprietary Additives**

LE's proprietary additives are used exclusively in LE lubricants. Easy Bar® with Almasol contains Almasol.

Almasol® solid wear-reducing additive is able to withstand extremely heavy loads, chemical attack and temperatures up to 1,900°F (1,038°C). It is attracted to metal surfaces, forming a microscopic layer but not building on itself or affecting clearances. Almasol minimizes metal-to-metal contact and the resulting friction, heat and wear.







# **Easy Bar® with Almasol®**

## **Performance Requirements Met or Exceeded**

- Andritz
- FLSmidth
- KHD Humboldt Wedag
- Metso Outotec

## **Typical Applications**

- Rotary kilns, dryers, calciners
- Cement, lime, pulp & paper, waste processing
- Mining & phosphate, petroleum & asphalt, minerals
- Chemical, food & beverage, gypsum, clay & kaolin
- Iron ore & aluminum

	9210
Texture	Smooth/Hard
Color	Bronze
Functional Solids Content %	35-40
Dimensions of Bar L x W x H, in	10 x 2 x 5/8
<b>Unworked Penetration Base ASTM D217</b>	≤13
Melting Point °C (°F), ASTM D3418	46-52 (115-125)
<b>Spontaneous Ignition Temperature</b> °C (°F), LEDSC	> 538 (1,000)
Flash Point °C (°F) (COC), ASTM D92	204 (400)
Falex Pin & Vee EP lbf, ASTM D3233	1,170



Easy Bar Lubricator 5-foot insertion tool is available for enhanced safety and faster application times

Almasol® is a registered trademark of Lubrication Engineers, Inc. Easy Bar® is a registered trademark of Easy Bar, Inc.