



EASY BAR[®] FAQ

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1. WHAT IS EASY BAR[®] KILN LUBE?

EASY BAR[®] KILN LUBE is a solid lubricant bar that melts when placed on the hot surface of a kiln shell. **EASY BAR[®]**'s patented blend of mineral and metal lubricants is suspended in a solid polymer binder that melts at approximately 125° F or 52° C.

When placed between the tire bore and kiln shell, the binder melts and releases the lubricants in **EASY BAR[®]**. The rolling action of the kiln distributes the lubricants precisely to the areas it is needed.

Unique to **EASY BAR[®]** is its high auto ignition point. **EASY BAR[®]** will not auto-ignite at temperatures less than 1,000° F or 538° C. Therefore it is safe for high temperature applications, such as kilns.

2. HOW DOES EASY BAR[®] WORK?

EASY BAR[®] employs principles of lubricity and physics to assure proper lubrication of kiln tires. First, it contains high quality, non-petroleum, synthetic lubricants, including a high percentage of graphite. It also contains fine metal powder that exploits the lubricating benefit of dissimilar metals.

Once melted, **EASY BAR[®]** uses the motion of the kiln to distribute its lubricants to the mating surfaces of the tire bore and kiln shell. As the lubricants are distributed by the motion of the kiln, a thin, temperature resistant film forms a lubricating barrier between the moving surfaces, as well as fills the microscopic imperfections that are typical on metal surfaces.



3. WHAT ARE THE FEATURES AND BENEFITS OF EASY BAR®?

FEATURES

EASY BAR® use high quality, high temperature lubricants

EASY BAR® installs in a single kiln revolution.

EASY BAR® does not contain chlorine, bromine or other halogens, which can be harmful and corrosive.

BENEFITS

EASY BAR® reduces unscheduled maintenance and downtime by...

- * extending the life of the wear/filler bars;
- * reducing the scoring of kiln tires and stop blocks;
- * reducing friction and wear;
- * filling microscopic imperfections in contact surfaces

EASY BAR® reduces energy costs

EASY BAR® does not auto-ignite at temperatures less than 1,000° F or 538° C so will not cause kiln fires.

EASY BAR® minimizes personnel exposure to hostile environment.

EASY BAR® is non-hazardous and can be handled by humans with no health risk;

EASY BAR® is not corrosive to metal surfaces.

4. HOW MANY EASY BAR® SHOULD BE USED?

The recommended application rate for **EASY BAR®** is 4 bars per pier per week. Depending upon the operating condition of your kiln, more **EASY BAR®** may be required in its initial application.

5. HOW IS EASY BAR® INSTALLED?

Before **EASY BAR®** is inserted, the kiln should be at operating temperature. Once the kiln is at operating temperature, manually place one bar every ¼ revolution between filler



bars or pads at the 5 or 7 o'clock positions. Application should be made on the "uphill" side flush with the tire pr riding ring for proper lubrication.

Visit www.easybarlube.com for a video demo of how **EASY BAR**[®] is applied.