



Easy Bar® with Almasol® Q&A

What is Easy Bar with Almasol?

Easy Bar® with Almasol® kiln lubricant is a patented solid high-temperature bar that melts when placed on the hot surface of a kiln shell. It contains a synergistic mix of several extreme pressure lubricating solids, including LE's exclusive additive Almasol, suspended together in a solid binder that melts at approximately 49°C (120°F). As the binder melts, the solids spread and lubricate the moving parts.

What makes Easy Bar different from competitors?

Unlike other melting lube bars, Easy Bar will not ignite at temperatures less than 538°C (1,000°F), making it safe for high-temperature applications such as kilns. While other companies try their best to emulate our product, Easy Bar patented technology cannot be replicated. Easy Bar has become the industry leader for innovative kiln lubrication.

How does Easy Bar with Almasol work?

Easy Bar with Almasol employs principles of lubricity and physics to assure proper lubrication of kiln and dryer tires. After the Easy Bar product is placed between the tire bore and kiln shell, its binder melts and releases the lubricants. The rolling action of the kiln distributes the lubricants precisely to the areas needing lubrication – the mating surfaces of the tire bore and kiln shell. A thin, temperature-resistant film forms a lubricating barrier between the moving surfaces and fills the microscopic imperfections that are typical on metal surfaces.

Is Easy Bar with Almasol hazardous?

No. Easy Bar with Almasol kiln lube is a non-hazardous product when used as directed. At higher kiln shell temperatures, should vaporization occur, the lubrication technician should simply move to an open-air environment. Easy Bar can be applied in a single kiln revolution. It contains no chlorine, bromine or other halogens, which can be harmful and corrosive to equipment.



What are the benefits of Easy Bar with Almasol?

- Lengthens equipment life and reduces unscheduled maintenance and downtime by:
 - preventing steel-on-steel contact
 - extending life of filler bars
 - reducing scoring of kiln tires, wear pads and stop blocks
 - minimizing potential for shell ovality
 - lengthening refractory life
 - filling microscopic imperfections in contact surfaces
- Does not auto-ignite at temperatures less than 538°C (1,000°F), which protects your kiln against fire and minimizes personnel exposure to a hostile environment
- Is non-corrosive and non-hazardous

How many Easy Bars should be used?

Weekly application of Easy Bar with Almasol is needed for proper lubrication. We have a precise formulation based on many factors of your kiln and kiln tires. After you fill out the *Kiln Evaluation Form* as completely as possible, we can recommend the most cost-effective application rate to protect your equipment.





How is Easy Bar applied?

Bars can be applied by hand or by using the Easy Bar Lubricator insertion tool.

Before inserting an Easy Bar, the kiln should be at an operating temperature of at least 52°C (125°F). Once the kiln is at operating temperature, manually place one bar every quarter 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 or riding ring for proper lubrication.

What is Easy Bar's shelf life?

Easy Bar with Almasol can be stored for approximately four years without problem.

What if a bar breaks?

If a bar accidentally breaks prior to application, the pieces can still be used with no detrimental effect.

Do Easy Bar with Almasol products come with a warranty?

We stand by all our products. If you are unsatisfied for any reason, please contact TechSupport@LE-Inc.com or call 800-537-7683.



Our lightweight, 5-foot-long Easy Bar® Lubricator insertion tool has a flexible neck that can be easily angled for swift application. The tool is specially designed to firmly hold any Easy Bar without interfering with the release of the bar.