
EASYBar[®]

Kiln Tire Bore Lubricant

Rotary Kiln & Dryer Lubricants Product Guide 2012



Easy Bar[®] is an OEM Lubricant for kiln manufacturers Andritz and Metso

EASY BAR INC
1591 Big Shanty Dr. Kennesaw, GA 30144
Tele: 770-424-4093 Fax: 770-426-4167 Toll Free: 877-402-1670
Email: sales@easybarlube.com website: www.easybarlube.com



Kiln Tire Bore and Wear Pad Interface Lubrication

EASY BAR® 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 are suspended in a solid polymer binder that melts at approximately 120° F or 49° C and has an auto-ignition point of +1000° F or 538° C (the highest of any bar lubricant ensuring worker safety and no flame-ups)

When placed between the tire bore and kiln shell, the binder begins to melt and releases the lubricants in EASY BAR®. The rolling action of the kiln distributes the lubricants precisely to the areas needed while the binder completely evaporates. The lubricants form a protective coating for the wear components of the kiln, resulting in less wear and longer service life of your wear pads and stop blocks.



"Easy Bar is the best melting bar available in the market. The highest performance: safe, quick, environmentally safe and simple to help reduce maintenance costs"
Managing Director – EU Distributor

"Your product has perfect fit, it is much more resistant to heat and fire than the previous (competitors bar) product that they were using, and does a really good job. It doesn't leave dirt on the hands as the previous bar product. The quality of the product is obvious in many ways and very satisfying in its lubrication cause"
Maintenance Manager – US Cement Company



Immediate Cost Savings

- **Increase Wear Pad Life by 50%.** Minimizes the friction and wear of the wear pads at the mating surfaces. Easy Bar's protective layer of graphite and lubricants forms a solid film on the surface assuring protection from cold welding and galling.
- **Minimizes Weld Fracture!** By coating and filing-in surface imperfection with a solid film of lubricant, Easy Bar® creates a smooth bore surface.
- **Slows Shell Ovality and Lengthens Refractory Life!** Easy Bar® maintains creep by reducing friction and wear between contact surfaces. This minimizes possible ovality thus lengthening refractory life.



PRODUCT	DESCRIPTION	BAR DIMENSIONS
25-A/50	CASE OF 50 EASY BARS	12" x 5/8th" x 2.5"
25-B/60	CASE OF 60 EASY BARS	12" x 5/8th" x 1.0"
25-C/50	CASE OF 50 EASY BARS	12" x 3/8th" x 2.5"
25-F/50	CASE OF 50 EASY BARS	10" x 5/8th" x 2.0"
25-G/100	CASE OF 100 EASY BARS	12" x 1/4th" x 2.5"

Easy Bar® is the only bar that features a Low Melt Temp with the Highest Auto-Ignition Point (+1000F) available in the Market.

Easy Bar® is a OEM lubricant for Andritz and Metso Kilns
Easy Bar® is utilized by Kiln Manufacturers:
Polysius, Humbolt Wedag, FLSmidth,



Kiln Tire Bore and Wear Pad Interface Lubrication

EASY BAR® SP (Spray) consists of a high auto-ignition point thickener with organic and solid metallic, film-forming components. Easy Bar® SP delivers its lubricating solids to the surface of the wear pads, the inside tire bore and the sides of the tire for maximum protection from excessive wear, scoring, cold welding or galling. EASY BAR® SP's patented blend of mineral and metal lubricants is a semi-solid and has an auto-ignition point of +1000° F or 538° C to ensure worker safety and no flame-ups.

When applied with a portable or fixed applicator, the high content of lubricating solids fills the surface imperfections resulting in a smoother surface, lower friction and less wear. The improved lubrication between the wear pads and riding rings reduces weld fractures while extending shell and refractory service.



"Easy Bar SP is working well and did help us improve our rotary dryer reliability. We already notice a significant reduction of the shim plates and tires ID galling problem. This air spray lube gun is working well. This tool allows us to safely re-lubricate often enough to maintain our dryer in good condition without having to stop it. Doing so has solved our reliability problems (galling) without creating any difficulties for the production department."

Engineer Service and Reliability – CEP SA

- **Requires NO mixing or diluting. 100% Lubrication Composition**
- **NO "blow-back" or "flame-up" dangers.**
- **Will NOT Clog or Harden in Spray Applicators or Pumps**
- **Evaporates Cleanly / Biodegradable**
- **1-2 Minute Application Time per Pier**

Immediate Cost Savings

- **Increase Wear Pad Life by 50%.** Minimizes the friction and wear of the wear pads at the mating surfaces. Easy Bar's protective layer of graphite and lubricants forms a solid film onto the surface assuring protection from cold welding and galling.
- **Minimizes Weld Fracture!** By coating and filing-in surface imperfection with a solid film of lubricant, Easy Bar® creates a smooth bore surface.
- **Slows Shell Ovality and Lengthens Refractory Life!** Easy Bar® maintains creep while lowering retainer pressure of the tire ID and wear pads. Less pressure results in less wear of the wear pads thus slowing shell ovality and lengthening refractory life.

PRODUCT	DESCRIPTION
25-SP/TU	CASE OF FIFTY (50) 16 ounce Cartridges
25-SP/35	35 LB PAIL
25-SP/120	120 LB KEG
25-SP/500	500 LB DRUM
25-T	PNEUMATIC APPLICATOR GUN Comes with 3' Steel Tube for Application. Plant Air of 90-100 PSI required (Range: 2-3 Feet ; Spray Pattern: Cone)
25-18V-TB	BATTERY-POWERED APPLICATOR Professional grade 18-Volt Grease Gun. Includes 42" whip hose, two batteries, battery charger and carrying case (Range: 1-2 Feet ; Spray Pattern: Stream)





Trunnion Roller & Riding Ring Lubrication

Graphite Blocks

Composed of synthetic, lubricant quality graphite specifically designed to lubricate Trunnion Rolls, Riding Rings, Tires and Inlet Seals on Rotary Kilns, Calciners and Dryers where a dry lubricant is needed.

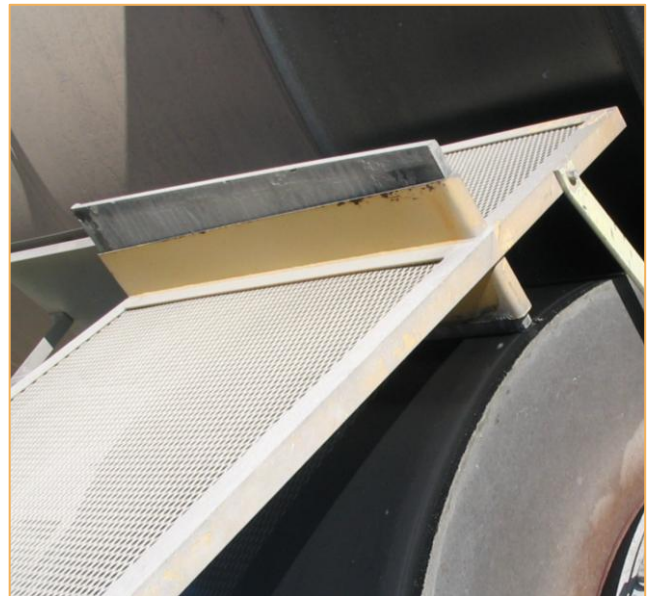
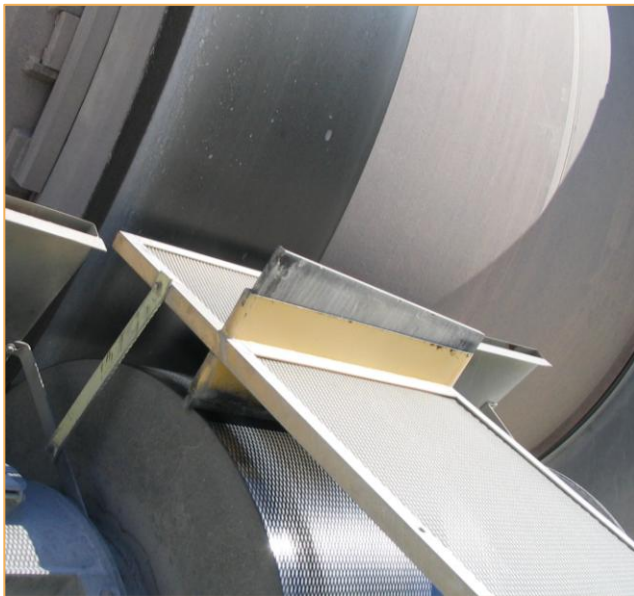
Our Graphite Blocks are composed from *unique carbon composition* which is manufactured under the tightest internal controls. This makes for highly consistent graphite that performs even in the most hostile environments.

ADVANTAGES:

- Graphite Blocks simply ride against the rotating surface in a holder where the weight of the block deposits the graphite lubricant on the load-bearing surface.
- Graphite Block's lubricant lowers pressure on bearing thrust mechanism, while reducing forces on bearing end caps or thrust collars.
- Graphite Blocks are custom cut to your specific requirements in order to maximize the benefits and performance.



Competitors' graphite blocks may utilize materials manufactured in other countries. Sometimes these imported materials contain inconsistent internal structures due to the lack of tightly controlled manufacturing processes. Premature wear of the graphite may result.



Graphite Block is positioned in Holder firmly while depositing lubrication onto the Trunnion Rollers.