

Melting lubrication bars

by **Quechem, Canada**

Melting Lubrication Bar (MLB) works efficiently due to its concentrated polymerised formula with various noble metals. Natural graphite and noble metals fill the grit and polish the ID of the tyre thus reducing friction and allowing the tyre and pad to last almost indefinitely. MLB suggested usage will maintain creep over a long period of time, more successfully than any other product on the market, claim Quechem.

MLB has been very successful where seized tyres have occurred by allowing creep to commence. Friction and wear is inevitable in kilns and dryers due to the slippage that occurs between the shell and the tyre. During functioning of the equipment there is a constant potential for debris and gouging to occur between the sliding metal surfaces. MLB helps reduce friction and extend the life of stop blocks, tyres and pads, and it will reduce undercutting of the riding rings and shell ovality. Only through proper lubrication with melting lubrication bars can this friction and wear be properly reduced, thus extending the service life of the equipment and reducing unnecessary repairs, costly down time and consequently loss of production.

MLB advantages are, that they are environmentally safe, and require no equipment to apply. The bars will not slide out and are designed to melt and vapourise in 3-5 minutes leaving behind a dry lubricant. The bars are available in high and low temperature where kiln temperatures vary.

MLB-LT (Low temperature) vapourises at 122°F (50°C) and is safe up to 450°F (232°C). MLB-HT (High temperature) melts and vapourises at 360 F (182°C) and is safe up to 900°F (482°C). MLB convenient packaging is one outer case containing two inner boxes containing 33

Quechem is a Canadian company specialising in the manufacture of a patented polymerised, noble metal and graphite melting lubrication bars (MLB), specifically manufactured for rotary kilns and dryers. MLB is claimed to be the easiest and most efficient method of lubrication of the tyre on rotary kilns and dryers, extending the life of blocks, tyres and pads. The company also supplies synthetic trunnion lubricants.



bars (37lbs total case). Each inner box (33 bars) is easy to handle (18lbs) and is sufficient for one lubrication cycle for a rotary kiln or dryer with five to six piers (as per suggested frequency of lubrication printed on the box). MLB's marketplace is global.

Quechem currently supplies its product internationally to some of the largest cement, lime, gypsum, pulp and paper and other manufacturers which use rotary kilns and dryers as part of their operation. Since there are many users of rotary kilns in other manufacturing and geographical areas, Quechem is looking to supply this product to other potential customers and expand into new marketplaces. The company currently distributes its products in Canada and has distributors in the USA, India, Pakistan, Australia, UK and Asia. Quechem is looking to expand further and seeks distributors who are familiar with rotary kilns and more importantly with the users lubrication requirements.

Synthetic trunnion lubricant

Quechem also manufactures two types of synthetic trunnion lubricant. HTL440 and

HTL440G are manufactured for the trunnion gearboxes at the trunnion rollers. More than 17 years of experience and success in the market has proven unsurpassed performance.

HTL 440 & HTL 440G are used throughout North America and abroad in many industries. HTL 440 & HTL 440G have very high film strength and have taken temperatures up to 585°F without failure. Water jackets are not necessary. Both offer excellent protection year round. HTL 440G is a blend of Synthetic Micronised Graphite for extra protection when required. Customers report that HTL 440G operates up to 20°F cooler than normal operating temperatures.

The Melting Lubrication Bar from Quechem

