



CONTINUOUS BAKING OVEN CHAINS

XTRA-CLEAN & ENVIROTECH CO 68 FG

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Summit Industrial Products has developed a program to clean and lubricate baking chains operating in Continuous and Spiral Baking Ovens used to produce loaf breads and rolls. By utilizing a two part system of cleaning and lubricating the oven chain, Summit can offer the Baking Industry oven chain protection not found before. Competitors are trying hard to develop their own versions of this system, but Summit Industrial Products has thoroughly studied the problem and developed the original chemistries.

The lubrication of the wheels and pins of the chains found in Continuous Bake Ovens has been a serious issue for many years. The use of Summit "Xtra-Clean" and Summit "EnviroTech CO 68 FG Chain Oil" has proven to remove buildup from long term use of ester based chain oils. Summit Xtra-Clean is sprayed onto a hot chain (175°F) and allowed to soak into the build up and soften it. The heated oven evaporates the Xtra-Clean and creates a dry powder that is easily removed by pulling a "Chain Plow" through the chain track. Cleaning times are quite short and simple when compared to the antiquated methods of cleaning developed in the past. A typical oven chain of approximately nine-hundred feet can be cleaned in a four to five hour time frame. This type of cleaning will require between twenty and thirty gallons of Xtra-Clean. The clean chain allows for the application of Summit EnviroTech CO 68 FG.

Once the chain is cleaned, EnviroTech CO 68 FG can be applied to a hot chain. EnviroTech CO 68 FG is a high-temperature chain oil that operates to temperatures above 1000°C. It utilizes a bio-based base oil carrier and solids (white graphite) and emits no VOCs when heated. This lubricant is designed to operate in conditions that look dry when compared to the "wet-look" necessary when ester based products are used. Esters burn above 465°F and that causes the tar-like goop that builds up on the chain components and creates large amounts of rolling resistance. These ovens are often found operating at 500°F and above which means the ester oils cook! Ovens using EnviroTech CO 68 FG have reduced oil consumption by an average of 75% and the chains are very clean.

Both Xtra-Clean and EnviroTech CO 68 FG are **Food Safe**. Xtra-Clean is registered with NSF and has both A8 and C3 ratings. EnviroTech CO 68 FG is registered with NSF and has an H1 rating. These products use chemistries that when used along with Summit Food Grade Greases, Oils and other NSF Approved Products, can make bakeries entirely Food Grade Compliant.

If you have questions or would like to learn more about any of these products or uses, please contact your Summit sales representative.