

Managing contact in glass production – with INTERGLASS insights



Conceptual visual representing lubrication as a condition enabling controlled interaction between surfaces in hollow glass forming environments.

GLASS IS SHAPED IN FULL VIEW. CONTACT OPERATES IN SILENCE

In hollow glass production, surfaces meet thousands of times before a single container reaches the end of the line. Cycles repeat. Temperatures

fluctuate. Components remain in continuous interaction. What may appear as mechanical repetition is, in fact, a dynamic relationship between materials, motion and time. Friction in this environment rarely manifests as a visible event. It accumu-

lates. It becomes apparent through adjustments, shortened intervals and subtle variations in behaviour that gradually influence operational confidence. The absence of disruption often reflects controlled conditions rather than the absence of

In hollow glass manufacturing, stability emerges from controlled surface interaction rather than visible intervention. Examining lubrication as a condition for continuity, we reflect here on friction, process discipline and operational confidence. That trio sums up the winning approach of INTERGLASS, being all shaped by acute observations of how sustained contact management can support reliable production.



Research and development activities supporting lubrication performance and process stability in glass manufacturing processes.

ABOUT INTERGLASS

Founded in 1992, Interglass was established to expand the range of glass-forming lubrication alternatives available to glassmakers in Mexico. Over three decades, the company has grown into a trusted partner for leading glass manufacturers in more than 40 countries. Interglass focuses on developing innovative lubrication technologies designed to improve process stability and support the evolving needs of the glass industry. Guided by the idea of creating a world that flows better, the company continues to invest in new solutions that contribute to a more efficient and sustainable future for glass production.

force. Understanding hollow glass manufacturing as a continuous contact environment changes how performance is interpreted. Surface interaction becomes structural to production stability. What happens between cycles can become as relevant as the cycles themselves. From this perspective, lubrication is not merely a functional input. It becomes a condition that enables continuity. Predictable behaviour, extended intervals and reduced variability often reflect how consistently contact is managed over time. In

high-throughput environments, stability is rarely accidental.

VISION ITSELF DEPENDS ON LUBRICATION

Biological systems recognise this instinctively. Interaction without fluid becomes friction. Friction without control becomes damage. Industrial environments follow a comparable logic. Controlled interaction allows processes to evolve without interruption and materials to be shaped without compromise. Within this context,

INTERGLASS operates from the observation that hollow glass lines are defined less by moments of peak performance than by the continuity that connects them. Attention is placed on how surfaces interact across cycles, how application discipline influences behaviour and how small variations accumulate over extended operation. Supporting continuity therefore becomes part of operational performance—not through isolated interventions but through sustained conditions that allow production to progress with confidence. Lubrication, in this sense, acts quietly, enabling interaction while remaining largely unseen. Glass quality is ultimately visible in the finished product. Process stability is not. Yet it is precisely this silent stability that allows production to advance without interruption. In hollow glass environments, performance is often expressed through continuity and through everything that does not require correction along the way. ■



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Interlub Group facilities supporting technical development for glass forming lubrication technologies.

