

Castrol Molub-Alloy Paste White T

Rusted threads, broken holm nuts and assemblies that refused to budge - the injection moulding machines were hitting a breaking point.

THE CHALLENGE

Identifying the Real Root Causes

Customer experienced repeated failures on injection moulding machines.

Broken holm nuts and red-brown tribo-corrosion on pillar threads.

Disassembly required angle grinders due to seized nuts.

Joint assessment with customer technicians.

Findings included:

- Tribo-corrosion (fretting corrosion)
- Damaged threads from sharp edges/chips
- Inadequate, metal-containing competitor paste

From Grinder Drama to.

Smooth Assembly.

THE SOLUTION

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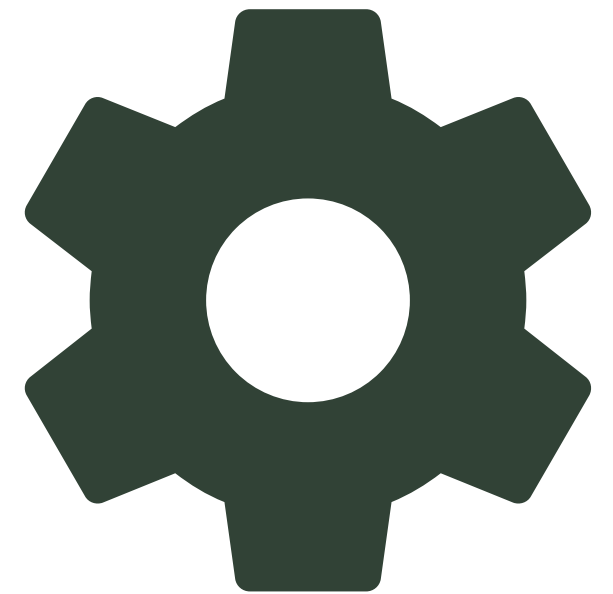
Needed: A lubricant that protects, prevents corrosion, and eases assembly.

- ✓ Prevent tribo-corrosion
- ✓ Facilitate smooth assembly/disassembly
- ✓ Reduce thread damage
- ✓ Achieved cleaner, safer, and more reliable installation.

THE RESULT



More Than a Fix - A Stronger Partnership



Key Points:

No more tribo-corrosion on pillar threads.

Easy assembly & disassembly - no tools like angle grinders needed.

Reduced downtime due to faster, damage-free maintenance.

Higher machine availability and improved overall machine reliability.

Key Impact & Value

Performance and maintenance improved across the board, with cleaner, damage-free installation. LPR delivered a high-value fix that built trust and strengthened the partnership.



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