

SOLVING TRIBO CORROSION & ASSEMBLY FAILURES

How Castrol Molub-Alloy Paste White T helped Sumitomo solve a persistent mechanical failure.

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THE CHALLENGE

BROKEN HOLM NUTS & IMPOSSIBLE DISASSEMBLY

Sumitomo's injection moulding machines faced repeated failures due to:

- ✖ **Broken** holm nuts
- ✖ Seized assemblies **requiring grinding**
- ✖ **Tribo corrosion** (red-brown rust)
- ✖ Sharp edges & thread **damage**
- ✖ Use of **poor-quality** metallic lubricant paste



Pillar & nut impossible dismounting



Pillar thread with tribo-corrosion

THE SOLUTION



CASTROL MOLUB-ALLOY PASTE WHITE T TO THE RESCUE

Castrol conducted a full technical review and recommended:

✓ Molub-Alloy Paste White T

- **Metal-free** white paste
- **Excellent assembly**/disassembly behaviour
- Tribo corrosion & fretting **protection**
- **Reduces** edge damage during mounting

THE RESULT

IMMEDIATE TECHNICAL & OPERATIONAL GAINS

After switching to Molub-Alloy Paste White T:

- ⊕ **Easy** assembly & disassembly
- ⊕ No more **tribo corrosion**
- ⊕ **Less** edge damage and wear
- ⊕ Downtime **reduced**
- ⊕ **Higher machine** availability

**More Than Just Performance.
It's Partnership.**



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