



SAME PERFORMANCE WITHOUT PTFE

– Next generation lubrication technology



SAME PERFORMANCE – NEW GENERATION



Art.no: 71006

Art.no: 71038

Art.no: 71028

Art.no: 72026

Four of our best-selling lubrication products are now updated with PTFE-free dry lubrication

71006 Hex Lube (replaces 71004 PTFE Lube)

A light lubricating and penetrating oil for general mechanics. Penetrates, lubricates, and reduces friction in moving parts. h-BN provides a dry, wear-resistant lubricating film after evaporation and contributes to low friction even under load. **Typical uses:** hinges, linkages, slide rails, cables, lighter industrial mechanics, maintenance..

71038 High Temp Syntoil (PTFE-free version of 71035)

High-temperature synthetic oil for long-lasting lubrication. Provides a stable lubricating film with good load-carrying capacity and low friction across a wide temperature range. h-BN improves wear resistance and friction reduction, especially in hot applications. **Typical uses:** chains, bearings, shafts, conveyors, and process equipment where heat and operating time place high demands.

72026 Dry Hex Lube (replaces 72024 Dry PTFE Lube)

Dry-lubricating spray that leaves a dry lubricating film. The solvents evaporate quickly, leaving behind an adhesive low-friction film with h-BN. Suitable where you want to avoid sticky residue and dust/dirt attraction.

Typical uses: sliding surfaces, plastic/metal contacts, adjustment screws, locks, rails, and mechanics in dirty or dry environments.

71028 High Pressure Grease (PTFE-free version of 71021)

Pressure-resistant grease for high loads. Builds a strong, adhesive grease film that protects against wear, moisture, and corrosion. h-BN reinforces the solid lubrication and contributes to low friction under high pressure.

Typical uses: heavily loaded bearings, joints, bushings, industrial mechanics, agriculture/construction equipment.

Spray Master takes the next step toward the lubrication technology of the future. Our most popular products have been updated with hexagonal boron nitride (h-BN) as the solid lubricating component – a modern, high-performance replacement for PTFE. The base formulation is the same as before. This means the oil, grease, and other components provide the same function and usage as previously. Only the dry lubricant is changed from PTFE to h-BN.



For the user, this means:

- Same lubricating effect and wear resistance as before
- Same application areas and use
- PTFE-free dry lubricant – a cleaner choice with reduced regulatory risk
- Better stability at high temperatures thanks to h-BN

Why are we switching from PTFE to h-BN?

Hexagonal boron nitride, often called “white graphite,” has a layered structure that gives extremely low friction, high temperature resistance, and excellent chemical stability. Unlike PTFE, h-BN is not a fluorinated polymer and therefore is not covered by PFAS classification.

The EU’s PFAS and microplastics work – why we act now

The EU is working to restrict PFAS substances. PTFE is a fluorinated polymer that in some contexts may fall under the PFAS definition and could therefore be affected by upcoming regulations.

At the same time, the EU microplastics restriction applies to intentionally added polymer particles that are not permanently bound in a solid matrix during use. This means certain PTFE-based lubricants may be included.

By switching to h-BN now, we reduce dependence on PTFE raw material and can offer alternatives without compromising quality or function.



How to sell the change:

Same product – without PTFE: The base is unchanged; only the dry lubricant is upgraded.

No compromise: The customer gets the same low friction and wear resistance.

Better in heat: h-BN remains stable even in high-temperature environments.

Smart choice for legal requirements: Products without PTFE align better with PFAS and microplastics legislation.

Better environmental profile: We remove PFAS, often called “forever chemicals,” since some substances are very hard to break down in the environment.

Frequently asked questions:

“Does the customer have to change how it is used?”

No – the same application and usage areas.

“Will performance be worse without PTFE?”

No – h-BN provides friction reduction very close to PTFE and is also more stable at high temperatures.

“Why are you doing this now?”

To stay ahead of upcoming PFAS rules and existing microplastics requirements, and to give customers a safe PTFE-free product choice



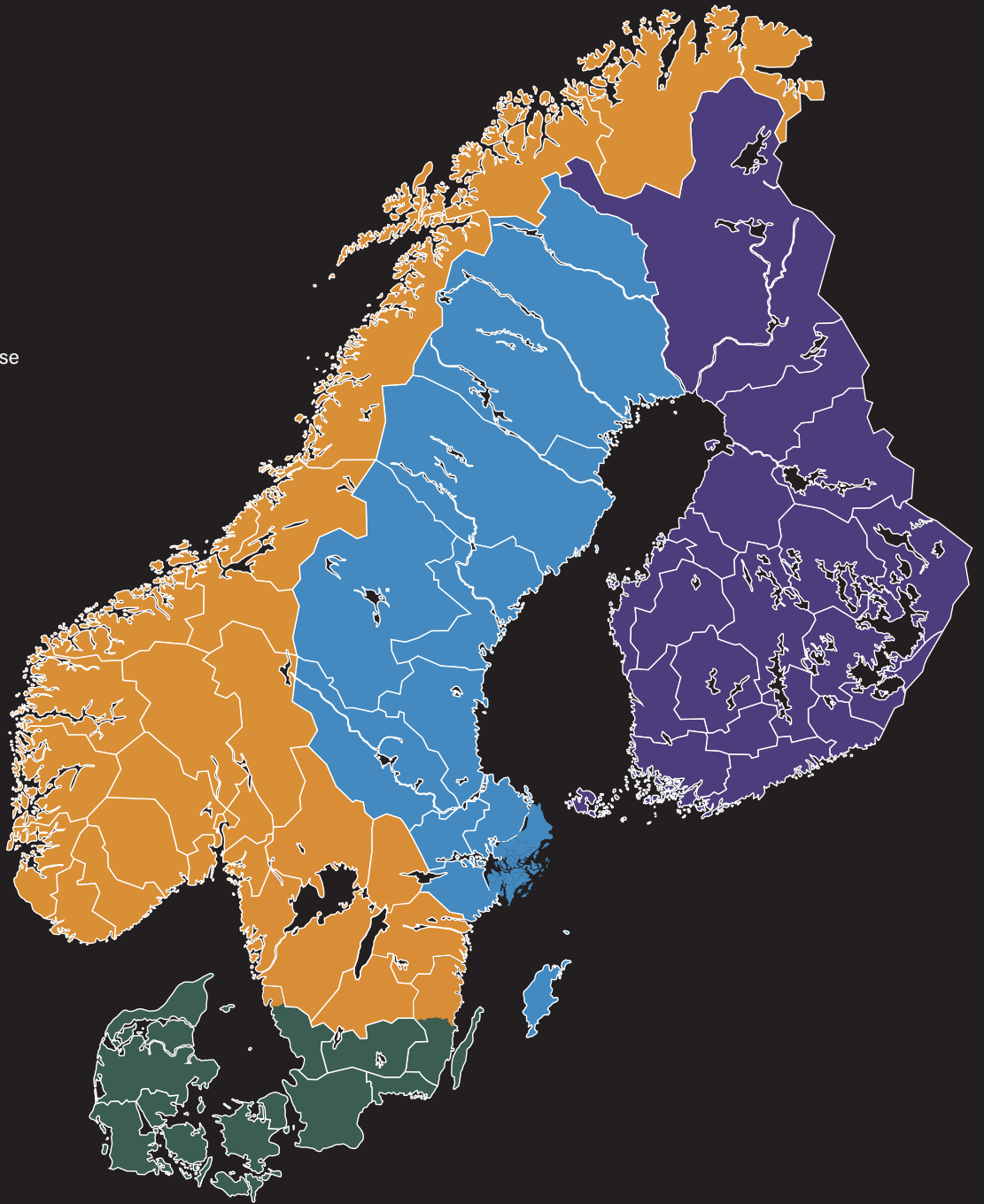
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