



LUBCON[®] Clean Series

Lubricants with Antimicrobial Additives

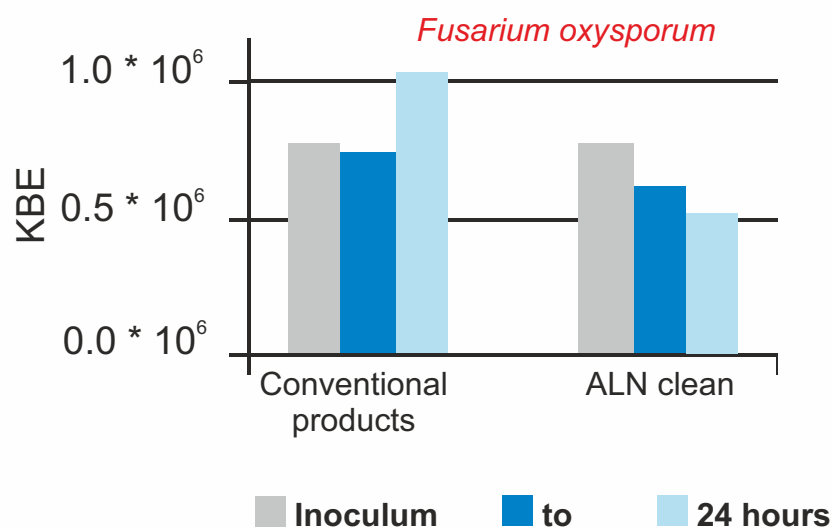
Cleanliness and hygiene are essential in the food, beverage and pharma industry to avoid the formation of bacteria. The cleaning process of components, such as bearings, can often be very time consuming. LUBCON lubricants, containing antimicrobial additives, can be efficiently utilized to prevent microbial growth.

MORE SAFETY FOR YOUR PROCESS



Clean Series - Advantages & Features

- ✓ H1 - certified
- ✓ Prevents pathogenic microbial growth in the lubricant
- ✓ No microbial contamination of the end product in case of incidental contact with the lubricant
- ✓ Proven efficiency against various pathogenic germs and mould
- ✓ For applications where microbial growth can be of substantial risk and processes with high hygienic requirements
- ✓ Inhibits ageing and degradation of the lubricant



Based on the example of the pathogen *Fusarium oxysporum*, the diagram shows the germ formation within conventional grease in comparison to lubricants with antimicrobial additives.

LUBCON® Clean Series

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Applications

The **LUBCON Clean Series** has especially been developed for applications with high hygienic requirements. For those applications, the growth of pathogenic germs and microbial contamination represent a risk. This includes all processes in which germ-reducing measures, such as heating, irradiation, sterilisation or the addition of preservatives, are excluded.

Hospitals and medical practices

Animal feed and pet food production

Pharmaceutical and cosmetics industry



Medical technology

Food and beverage industry

Commercial kitchens

Tobacco and luxury food industry

LUBCON Clean Series Products

- ✓ Synthetic high-performance grease
- ✓ Gear and hydraulic oils
- ✓ Seal lubricants
- ✓ Chain oils

Example: Bearing Lubrication with Turmosynthgrease ALN 1002 clean



Antimicrobial additives prevent microbial growth in grease.

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