

# TECHNISCHES DATENBLATT

**0893 107 001**

## **Food-grade lubricant LMS-FLUID**

Physiologically safe, paraffin oil-based special lubricant for use in the food, beverage and pharmaceutical industries

### **Application areas:**

For lubricating and maintaining seals, joints, chains and all moving parts in the food processing industry. Suitable for all oil lubrication points on machines, conveying systems, gearboxes, pistons, guides, tube tracks, journal and roller bearings, as well as on filling, packaging and sealing machines. Can also be used as a release agent, lubricant or corrosion protection agent in the food, pharmaceutical, printing and paper industries. For the care and maintenance of stainless steel in breweries, bakeries, meat factories, industrial kitchens and hospitals.

### **{1}Properties{2}:**

- Tasteless and odourless
- Reduces wear and friction
- Excellent protection against corrosion
- Offers a high level of oxidation and ageing stability
- Has a simultaneous cleaning, caring and protective effect
- Economical and efficient to use
- AOX and silicone-free
- NSF H1-registered (no.: 135923), meets the requirements of H1, 1998



### **Application:**

Clean the lubricating point and then apply where required. If used in the food-processing industry, only the minimum quantity technically necessary may be used.

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## Technical data:

|                               |  |
|-------------------------------|--|
| Chemical basis                | Medical white oil in line with the German Pharmaceutical Handbook (10th edition) |
| Colour                        | Colourless   |
| Temperature range             | -20°C to +145°C  |
| Flash point                   | 260°C  |
| Density at 20°C (DIN 51757)   | 0.867 g/cm <sup>3</sup>  |
| Viscosity at 40°C (DIN 51550) | 70 mm/s <sup>2</sup>   |
| Minimum durability            | 12 months  |
| <b>Resistant to</b>           |  |
| Water                         | ✓  |
| Salt water                    | ✓  |
| Acids                         | ✓  |
| Alkalis                       | ✓  |
| <b>Material compatibility</b> |  |
| Steel                         | x  |
| Non-ferrous metals            | x  |
| Non-ferrous base metals       | x  |
| Stainless steel               | x  |
| EPDM                          | x  |
| FKM                           | x  |
| NBR                           | x  |

We provide this advice based on our own tests and experience and to the best of our knowledge. However, due to the large number of applications and the storage and handling conditions that lie outside the scope of our influence, we assume no liability for the application results in individual cases.

This also applies to the use of the non-binding technical and commercial customer service provided by us. We always recommend that you conduct your own tests. We guarantee the consistent quality of our products. We reserve the right to make technical changes and further develop products.