

LDTS 1

SKF Dry Film Lubricant

SKF Dry Film Lubricant LDTS 1 is specially developed for automatic lubrication of plastic flat top chain conveyors in the beverage processing industry. It adheres very well to all treated surfaces and has outstanding properties. The lubricant consists of synthetic oil and is doped with PTFE solid lubricant. LDTS 1 is NSF* H1** certified for use where incidental contact with food cannot be excluded.

- Cost savings by eliminating high volume of water and soluble lubricant
- Improved operator safety by reducing slip hazards
- Quality of packaging is maintained by elimination of moisture
- Reduced risk of product contamination minimising microbiological growth
- Enhanced line efficiency by avoiding replacement costs and associated unplanned production stops
- Reduced cleaning costs

Typical applications:

- Conveyors in bottling lines using PET, carton, glass or can packages

* NSF: U.S. National Sanitation Foundation

** H1: Incidental contact with Food



Technical data

Designation	LDTS 1
Composition	Mineral oils, hydrocarbons, additives, PTFE
Colour	White
Operating temperature range	-5 to +60 °C (25 to 140 °F)
Viscosity at 40 °C (104 °F)	ca. 28 mm ² /s
Pour point	<0 °C

Density at 25 °C (77 °F)	ca. 841 g/cm ³
Flash point of the preparation	ca. 100 °C (210 °F)
Flash point after evaporation of the solvent	>170 °C (340 °F)
NSF registration	H1 (registration no: 139739)
Available pack size	5 l can



SKF lubricants offer major competitive advantages:

- Designed and tested to outperform under real conditions
- Product data include specific test results enabling a better selection
- Strict quality control of every production batch help ensure consistent performance
- Quality control allows SKF to offer a five-year shelf-life* from the date of production



Production processes and raw materials vastly influence grease properties and performance. It is virtually impossible to select or compare greases based only on their composition. Therefore, performance tests are needed to provide crucial information. In over 100 years, SKF has accrued vast knowledge about the interaction of lubricants, materials and surfaces.



This knowledge has led SKF, in many cases, to set industry standards in bearing lubricant testing. Emcor, ROF, ROF+, V2F, R2F and Bequiet are just some of the multiple tests developed by SKF to assess the performance of lubricants under bearing operating conditions. Many of them are widely used by lubricant manufacturers worldwide.

* SKF LGFP 2 food grade grease offers a two-year shelf-life from the date of production

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