

SKF Food Grade Lubricants

Food grade dry film lubricant

LDS 1

SKF Dry Film Lubricant LDS 1 has been specially developed for automatic lubrication of plastic flat top chain conveyors in the beverage processing industry. The lubricant consists of synthetic oil and is doped with PTFE solid lubricant.

After storage a separation of the ingredients could be observed in the container, this is normal. Shaking the product will bring it to a normal status. Automatic lubrication systems must have an stirring mechanism.

- 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 by minimising microbiological growth
- Enhanced line efficiency by avoiding replacement costs and associated unplanned production stops
- Reduced cleaning costs
- NSF H1 registered

Typical applications

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



Available pack sizes

Packsizes	Designation
5 l can	LDS 1/5



Technical data

Designation	LDTS 1		
Composition	Mineral oils, hydrocarbons, additives, PTFE	Flash point of the preparation	ca. 100 °C (210 °F)
Appearance	White	Flash point after evaporation of the solvent	>170 °C (340 °F)
Operating temperature range	–5 to +60 °C (25 to 140 °F)	NSF Reg. No.	139739
Viscosity at 40 °C (104 °F)	ca. 28 mm ² /s	Shelf life	2 years
Pour point	<0 °C		
Density 25 °C (77 °F)	ca. 841 kg/m ³		

Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.

