SKF Food Grade Lubricants

Food grade dry film lubricant

LDTS 1

SKF Dry Film Lubricant LDTS 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.

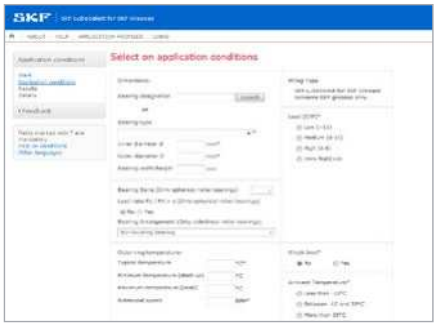
Available pack sizes

Packsize	Designation
5 l can	LDTS 1/5

Technical data

Designation	LDTS 1		
Composition	Mineral oils, hydrocarbons, additives, PTFE	Density 25 °C (*77 °F*)	ca. 841 kg/m^3
		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		

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.

Scan or click the QR code, or go to skf.com/lubeselect

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