



Category Code H1  
No. 137857



## DLT-333<sup>®</sup> Food Grade Lubricant with PTFE

### TECHNICAL DATA SHEET (TDS)

#### 1. *Description*

DLT-333 is an upgraded version of the previous dry lubricant DLT-300. DLT-333 has an enhanced shelf life time, increased stability and better pressure resistance properties. DLT-333 is a premium quality lubricant intended for industrial use. The product is manufactured from FDA approved constituents for use in areas where incidental food contact may occur. DLT-333 is based on a stable dispersion of fine particle PTFE in a pharmaceutical grade white oil, the particle size of the PTFE and the method of dispersion are tightly controlled to ensure the highest possible level of mechanical stability. The lubrication performance of DLT-333 is enhanced through the inclusion of a special food grade additive package that endows DLT-333 with excellent anti-wear, extreme pressure and anti-oxidation properties. The product has been formulated for use primarily as a conveyor chain lubricant in food processing and packaging industries.

#### 2. *Applications*

DLT-333 is specifically designed as a chain and conveyor lubricant though it may be recommended for many general lubrication duties on various sliding surfaces where a clean, non-staining, food-grade product is required. Application industries include: food and beverage processing and packaging, paper industry, textile manufacture, etc. DLT-333 may be applied through automatic dispensing equipment, trigger sprays, brush, swab or bath.

#### 3. *Benefits*

Mechanically stable dispersion of PTFE – enables all of the active ingredient PTFE to be delivered to frictional components.  
Shelf life time is up to 2 years.  
Multi- purpose product compounded solely from FDA / NSF approved constituents  
Highly penetrative action – lubricates chain pins, links and bushes.  
Low coefficient of friction, excellent load carrying and anti-wear properties  
FDA approved additives give outstanding resistance to oxidation  
FDA approved multifunctional additives give extreme pressure resistance and anti-corrosion properties.  
NSF approved anti bacterial additives to prevent bacterial and fungal growth.

#### 4. *Typical physical characteristics*

Appearance:	Liquid, free from visible impurities
Colour:	Near white
Odour:	Near odourless
Solid content:	PTFE-particle size below 2-micron average
Carrier:	Severely refined, hydro cracked and hydro treated white oil
Density:	0.86 – 0.90
Viscosity range (38°C-42°C):	31 cSt - 33 cSt
Flash point:	above 165 °C
Weld load Kg:	195 – 200
Storage conditions :	in ventilated area's and out of direct sunlight ; recommended temp. < 40°C

#### 5. *Packaging*

Standard packaging volume	Case with 2x5 lit drums
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