

## Paraffin Wax Lube Data Sheet

**Description:** Part Number: 15-0007

Pure Paraffin Wax Powder is a Dry Molecular Formula Lubricant that is White in Colour, has no Odour, provides a Low Melt point and is Non Hazardous.

Paraffin Wax is best suited for Treadmills fitted with a non Laminated Deck or Treadmills fitted with Cotton Backed Fabric Running belts or Domestic Treadmills that cannot use a Wet Lubricant. Due to the method in which the Paraffin Wax is applied onto the Treadmill Deck there is no need for any additives, so it is free from Solvents, Propellants and Distillates.

### **Treadmill Friction:**

Friction is the force between two surfaces. In our case it is the underside of your Treadmill Belt and the Surface of the Deck or Running Board. As you walk or run on your Treadmill, with each step you are forcing the Belt against the Deck. The heavier the user the more force is being applied creating more friction.

The primary object of a Deck Lubricant is to provide a low friction film between the underside of the Treadmill Belt and topside of the Deck.

### **A Dry Wax for Specialist Treadmill Belts:**

Only a select few manufactures fit Cotton or Cotton/Polyester Backed Belts onto their Treadmills. The Cotton fabric is a tight patterned weave and if over stretched or over tensioned, will pull out of shape and cause belt tracking problems. Applying a "Wet" lubricant to a Cotton backed Belt can accelerate stretching within the fabric.

The Low melt molecular formula of Paraffin Wax will adhere best to a previously used (warmed up) Belt hence it is best to apply the Wax after the Treadmill has been in use for some time.

### **A Dry Wax for Specialist Treadmill Decks:**

A select few manufactures fit Specialist Deck boards to their Treadmills in the form of Multi Layer Plyboard, Hardboard Coated or Phenolic Treadmill Decks.

Applying a Wet Lubricant (such as Silicone Oil or Liquid Lube) onto these type of Treadmill Decks would not be as effective as a Dry Lubricant simply because a degree of the Wet Lubricant would be absorbed into the timber Deck limiting the amount of Lube to adhere to the underside fabric of the Belt.

The Low melt molecular formula of Paraffin Wax will adhere best to a previously used (warmed up) Deck hence it is best to apply the Wax shortly after the Treadmill has been in use for some time. Paraffin Wax in its many forms will easily blend into other Paraffin Waxes meaning it is an ideal solution for topping up any existing Wax that may still be present on your Belt or Deck, thus limiting the need for a total strip down and Hard Wax pre-dressing of your existing Deck.

### **Application Method:**

Whilst kneeling at the front side of your Treadmill, shake and tap the Wax Powder Bottle to loosen its contents.

Open the Lid of the bottle and whilst pulling up the middle side of the Running Belt apply a sharp squeeze of the bottle to release a measured amount of Wax Lube across the underside of the Running Belt/Deck.

Repeat this procedure at the opposite middle side of the Running Deck to bring the total application to two measured squeezes of the bottle (one application).

It is a good idea to place an old slightly dampened towel down the full length of the opposite side of the belt you are applying the wax to. This will eliminate any excess powder blowing out from underneath.

The object of the exercise is to ensure that the Wax Powder spreads across the Underside of the Running Belt or Deck Surface to create a level film. The Wax will melt and disperse evenly during use ensuring that all the underside of the Running Belt and Deck will be coated.

Once Lube has been applied it is important that you walk on your Treadmill at a speed of approx 3km/h for 5 minutes to help evenly distribute. Ideally the Wax schedule should be carried out AFTER exercising, as the Belt and Deck will already be warm aiding the Wax to evenly adhere.

### **Method of Purpose**

Paraffin Wax Powder's main purpose is best used in addition to any existing Wax that may still be present and will blend quickly to increase the effectiveness of the existing Lube to further reduce friction (amp draw) caused by diminishing Lube.

Used regularly, the lifespan of a Pre-Waxed Belt or Waxed Deck will be drastically increased limiting the need of expensive Deck or Belt replacements through wear.

Paraffin Wax is designed to be used in conjunction, or in addition to other dry Waxes. Regular Maintenance to observe the status of Lube present will prolong the need of having to "Re-Dress" the Deck.

Paraffin Wax Lube should not be used for "Re-Dressing" the Deck. Instead Paraffin Wax Granules should be used for Re-Dressing and Paraffin Wax Powder used for ongoing periodic Wax top up throughout the year.

### **COSHH**

All our Treadmill Lubes are INDUSTRY STANDARD Genuine Treadmill Lubricants that meet COSHH Regulations and are available Only through Expert Fitness UK Ltd and authorised UK Fitness Equipment Repair and Service Divisions.

Always check for the **ExpertfitnessUK** logo on the bottle. Should you come across a similar bottle and method of application not displaying the **ExpertfitnessUK** logo then it's not our Genuine Treadmill Lube in the bottle!