

## Solid Paraffin Wax Granules Data Sheet

**Description:** Part Number: 15-0006

Pure Paraffin Wax Granules is a Solid Molecular Formula Lubricant that is Translucent in Colour, has no Odour, provides a Low Melt point during use and is Non Hazardous.

Paraffin Wax Granules can be used for Treadmills that do not have a Laminated Deck fitted. Paraffin Wax Granules can be used on Treadmills fitted with Cotton Backed Fabric Belts or Decks made of Hardboard, Plywood or Phenolic Timber. 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 and 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 Solid 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 Cotton backed Belt can accelerate stretching within the fabric.

The Low melt molecular formula of Solid Paraffin Wax will create a thin solid film on the underside of the belt fabric that will reduce friction and aid in protecting the fibres of the fabric due to its dry solid formula.

### **A Solid 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 that can adhere to the underside fabric of the Belt.

### **Manufacture Pre-Waxed Decks**

From new, treadmill manufactures normally apply wax to both sides of the Treadmills Deck and when the wax begins to diminish and friction starts to show, then during a service visit, the Deck can simply be turned to expose the newly waxed underside. When the underside begins to diminish a manufacture can normally advise that a brand new timber Deck Board is purchased with a new coating of Wax.

**Note:** Do we throw the wheels away when replacing the tires on our cars!

## **Applying a Wax Re-Dressing to a Treadmill Deck**

In the majority of circumstances, providing no major wear has taken place to the deck surface, such as scouring or wallowing due to insufficient wax and poor service, then a Deck Re-Dressing is all that is required to return the Deck back to its "As New" purpose!

Expert's Deck Wax Solid Granules are melted into the surface of the Deck until absorbed by the timber, just as was done to the original Deck. When cool the Wax dries to provide a hardwearing Deck Lubricant that can often last years until the next Re-Dressing!

## **Paraffin Wax Maintenance Powder**

For ongoing pro-active maintenance the Solid Paraffin Wax can easily be topped up without the need to remove the Belt or Deck. A small and regular application of Paraffin Powder (Part# 15-0007) can easily be "puffed" under the Belt and is an ideal solution for "topping up" any existing Wax already actively protecting your machine.

## **Solid Wax Re-Dressing Application Method:**

Our method of application requires the Deck to be completely removed from the Treadmill and the Deck surface warmed up using a hot Iron (we must stress at this point that If you value your life, Never, Ever, use an Iron owned by your Mother or Spouse!!! Get your Own Iron!

Measure the width of your Running Belt and use this measurement to mark off the area of the Deck outside of where the Belt would normally run. No Wax needs to be applied to this outer area. Mark down both sides of the width from top to bottom of the Deck.

Working a section of 12 inches at a time, warm the Deck up and apply a Wax Granule onto the hot area to ensure that it melts. If the Deck is Hot enough then apply a further amount of Wax Granules using the Plate of the Iron to melt them into the timber.

Continue in this way until the whole workable area has been coated and the timber stops absorbing the Wax. It is important to end the process with a paper-thin almost translucent film of Wax on the surface of the Deck. Any excess above this and it will need to be scraped away. Allow the Deck to cool before handling. It is a good idea to also apply a Wax Dressing to the other side of the Deck, as it will make things easier at a later date when you will only need to turn the Deck over.

## **Method of Purpose**

Solid Granulated Paraffin Wax main purpose is for application into timber Treadmill Decks that have no Lamination on their surface. The Solid Wax creates a strong and robust "hard waxy sheen" on the surface of the Deck, which during use also adheres a thin film into the Fabric of the Belt. After a number of hours use, either from new or after a re-dressing both surfaces will have developed a hardened sheen. It is this wax sheen that reduces friction and acts as a lubricant.

Being a Dry and Solid Wax, there is no evaporation and limited molecular breakdown ensuring once applied it is there to stay for a long time. Add to the equation some pro-active applications of Paraffin Powder (Part# 15-0007) and you have a winning combination!

## **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 packaging. Should you come across a similar product and method of application not displaying the **ExpertfitnessUK** logo then it's not our Genuine Treadmill Lube in the package!