

## Treadmill GEL Data Sheet

**Description:** Part Number: 15-00026

Expert Fitness UK brand Treadmill Silicone GEL is a 100% Pure Grade Oil Lubricant that is Clear in Colour, has no Odour and is Non Hazardless.

Due to the method in which it is applied onto the Treadmill Deck or Running Belt there is no need for any additives, meaning it is free from Solvents, Propellants and Distillates so ensuring a totally natural method of application straight from the bottle. The only secret we would never disclose is the viscosity of our lubricant as that information keeps us a mile ahead of any competition!

### **Developed by Treadmill Engineers:**

Our Engineers developed our Treadmill GEL Lubrication in conjunction with monitored testing within a fully commercial environment. Under a strict 5 year test within a number of commercial leisure centres experiencing heavy treadmill use, our Engineers found that the replacement of Treadmill Belts, Decks and Drive Motors drastically reduced due to wear in comparison to adjacent Treadmills that were lubricated with Silicone Oil. Additionally, when GEL was applied onto Pre-Lubed Belts and Maintenance Free Belts there was an increase of up to 14 months in Belt Life in comparison to neighboring models that continued to rely on the untouched Pre Lube or so called Maintenance Free type non lubricated. Further investigation also showed that we were repairing Motor Control Units (MCB's) less frequently on the Treadmills lubricated with GEL

### **Silicone Oil or Gel:**

There is no doubt that Silicone Oil wet based Belt Lubricant is an excellent Lubricator but there are a number of benefits why to choose Treadmill Belt Gel over Treadmill Belt Silicone Oil and the above notes are indicator. The positive point of using Oil over GEL is the application process. Due to it's consistency, Oil can be easily applied by use of a Syringe and Applicator whereas GEL is not fluid enough to apply down a tube so needs to be applied directly from the bottle. So, a squeezable plastic bottle is used to provide the application. This means in some cases the Treadmill Belt Adjuster Bolts may need loosening a few turns to enable access underneath the Belt.

### **Our Method of Application:**

Our Treadmill Lubricant GEL has been specifically designed for use on Treadmills fitted with a Black Laminated Treadmill Deck (a similar material to your kitchen worktop). Our method of application is direct from the bottle which, in some cases, may mean that the rear Belt Adjuster Bolts may need loosening a few equal turns each side to be able to gain full access between the underside of the Belt and surface of the Deck. A sharp squeeze of the bottle near the middle area of the Deck will ensure that the lube will evenly spread outwards in all direction during use of the machine to virtually eliminate heat build up (full instructions provided in pack)

### **About your Treadmill Deck/Belt:**

The majority of Treadmill manufactures today use Black Laminate topped Decks or Running Boards and fit Running Belts made from Cotton, Polyester or sometimes a mix of both with the belt top made of TPU for example on better machines.

The Belting companies will supply the Treadmill manufactures with an endless belt cut to size and joined using either a finger join or flat foil join which is then heated up and vulcanized in a press to ensure the join stays securely together. The Deck is usually made in a similar way with a laminated sheet being adhered onto MDF board

### **Maintenance Free Belts:**

The majority of Home Use Treadmills break down due to lack of lubricant, applying the wrong type of lubricant or never applying any lube because the instructions stated that the product was "Maintenance Free" or "Pre-Lubed"...

### **Treadmill Belts: The Facts!**

Lets clear something up before we continue. There is No Such Thing as Maintenance Free! What would be a better description for the Treadmill marketing teams to use would be; fitted with a "Low Maintenance" Treadmill Belt or "No Lube required until 100 hrs use" for example

- Maintenance Free Belt: This type of belt is normally marketed as maintenance free (for the life of the belt) You can work that one out for yourselves
- Pre-Lubed Belt: This simply means that a pre-application of Lube has been applied into the belt. It does not mean it will not require further applications

### **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 applied creating more friction

**Friction on a treadmill is a bad thing:** Two surfaces rubbing together will eventually wear out meaning it will usually be the Treadmill Belt that fails first (being the softer material) and the Laminate in the Deck shortly afterwards. However it doesn't stop there... Friction creates heat, the same heat we mentioned earlier to join your belt will simply reverse to separate or lift the join... Heat will cause the Laminate in your deck to either blister or lift literally separating from the MDF. This will have a detrimental effect on the Deck, which will crack or split down the middle... And there's more... Friction will create additional load on the motor causing the motor to get hot. The motor will have to work harder and so will the Motor Control Board (MCB) eventually causing failure to the Motor, Circuit Board, Deck and Treadmill Belt!

### **Expert Fitness UK Lubricant:**

Now lets add a top quality lubricant into the equation. We can guarantee that Expert Fitness UK Treadmill GEL lubricant will reduce amp draw more efficiently and will adhere to the Deck better than any other method whilst providing the correct viscosity for your belt and reducing the heat element throughout the machine

### **COSHH**

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

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