



MAURER



Track Lube Plus Non-toxic, Biodegradable Lubricant



Track Lube Plus is a non-toxic, biodegradable lubricant, that has been developed for the amusement rides industry. Track Lube Plus™ was originally developed by a ride maintenance supervisor at Hershey Park to reduce wheel cover wear on roller coasters. It has been developed from a lubricant that is used in the food processing, marine and firearms industries. In addition to reducing wheel cover wear significantly, the reduction in friction has enabled better ride timings to be achieved with cold trains, especially in the Spring and Autumn. The standard product comes in a paste form and, as it does not drip even in ambient temperatures of 40°C

Track Lube Plus is an alternate to silicone and petroleum based greases. It was introduced into the US market in 2003 and is now being used by more than 50 parks world-wide.

Track Lube Plus is supplied and remains in paste form and does not drip. Should the lubricant get on guest's clothes, it can easily be removed by washing – avoiding rust stains from dripping rain water on suspended coasters has eliminated claims.

In addition to its lubricating properties, Track Lube Plus has reduced the propensity for guide and upstop wheels to develop flat spots, as friction between the wheel covers and the rail pipes is reduced. As with the silicone greases, the lubricant must be kept away from brakes and brake fins. Track Lube Plus has also reduced corrosion on the rail pipes, especially for those rides that do not operate year round. For rides that tend to run fast in the summer, the frequency of lubricant application can be reduced in the summer. Track Lube Plus has also been shown to have beneficial effects on coasters that run slowly in spring and autumn.

For a normal coaster, with about 700 metres of track, 2 gallons of Track Lube Plus would be used in the first month and then 1 gallon per month thereafter. Track Lube Plus is normally applied by hand to the wheel covers and it can also be applied to accessible sections of the track such as in brake zones. The wheels then spread the lubricant throughout the track.

In one problem coaster, where guide wheels were being replaced twice a year, the application of Track Lube Plus extended guide wheel life by at least 6 times.

Munich 07/2011