

WS3 Case Study

The Primary Issue:

Wheel stripping businesses are not able to offer a same day service on alloy wheel stripping and refurbishment due to inconsistent strip times.

In a world where we rely heavily on our own mode of transport most people are deterred by the thought of being without their vehicle for more than 24 hours. If vehicles can be dropped off, have their wheels stripped, refurbished and collected in the same day, the prospect of having ones alloy wheels refurbished becomes a much more appealing prospect. The customer is only without their vehicle for a short period of time, and the wheel stripping business can charge a premium price for a same day service.

Details of the problem:

Many wheel stripping products give inconsistent strip times, and stripping performance almost always drops off over time. This results in many wheels having to be returned to the strip tank for further stripping, when they haven't fully stripped in the expected time, or even being finished off in hazardous acid strippers.

Many wheel stripping products are water based which makes the system difficult to balance and control. Water is consistently lost through evaporation but is not always replaced adequately. Tanks can become either dehydrated or over diluted, which in both cases will result in an increase in strip times.

Solution:

Natech have developed a waterless wheel stripping product which removes the possibility of dehydrating or over diluting the tank. The new product is easily maintained which means strip times remain constant throughout the life span of the tank. This gives the wheel stripping business the confidence and ability to offer a "same day" service.

Many OEM brands will fully strip in as little as 45 minutes, average strip times of only two hours are recorded across the full OEM brand range. This enables multiple sets of wheels to be stripped per day, allowing an increase in turnover without the need to increase tank size.

Benefits:

- Ability and confidence to offer same day service.
- Easy to maintain tank to give consistent strip times.
- Allows an increase in turnover without having to increase tank size.
- If properly maintained product life span is unlimited

Evidence

6 month trial at UK based wheel stripper

Tank Volume – 1000 Litre

Average strip time – 118.5 minutes

Average wheels per month – 334 (winter season)

Average WS3 consumption – 203 Litres per month.

