



Summary



Industry:	Leisure
Application:	VPI repair on Alton towers ride
Actual Saving:	£5k per year
Payback Period:	



Vacuum Pressure Impregnation Increases Ride Reliability

Electro-mechanical services solution reduces downtime

ISSUE

The usual wet English weather was causing problems for the motor on ride at a popular theme park. The motor usually had to be removed at least once a year during the main season for overhaul. Meaning the ride was out of use for at least one full day for removal and one full day to refit.

SOLUTION

The problematic motor was removed by the theme park's engineers during their shut down period and sent to ERIKS Electro-mechanical services.

Chesterfield works then stripped down and completely overhauled the motor, vacuum impregnated the field winding to seal from the ingress of damp and moisture. We fitted new bearings and seals, reassembled the motor, tested and painted to the colour of ride and delivered back to site for their engineers to fit.

OTHER BENEFITS

- Less down time for customers in the park.
- Introduced more business in the park from this repair
- Saved money on repair costs and downtime
- KPI on Downtime on this ride was better

FURTHER COMMENTS...

After the motor was stripped down and ERIKS introduced the solution of VPI to cure the moisture issue to increase application reliability.

MORE INFORMATION

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