

A decade of trust.

The case study collaboration with Katoen Natie Rivalta.



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The case

Project:

Celebrating a 10-year friendship between Exide Technologies and Katoen Natie Rivalta

Customer/Project:

Katoen Natie Rivalta

Installed system:

Tensor batteries

Installed battery capacity:

24V, 48V and 80V – with capacities from 200 to 900 Ah

Installation date:

Partnership began in 2015 and continues today

Exide Technologies has a long, successful relationship with the Italian subsidiary of Belgian logistics service company Katoen Natie. It has become one of the largest and most prospering branches of the company, supported by a huge forklift fleet in need of power.

The scenario

Katoen Natie Rivalta faced several challenges that required a fast, reliable and sustainable solution. The first task was to find a partner capable of delivering swift and effective results. This meant a material handling battery that was able to respond to the dynamic demands of the market with little downtime, one that could boast longevity with minimal maintenance and costs, and one that put the safety of users first.

This solution would be nestled in Rivalta, Italy – a metropolitan area of Turin but close to Ligurian ports – which emphasised the need for a robust, efficient logistics solution to serve Northern and Central Italy effectively.

The solution

The installation comprised of 170 Tensor batteries with capacities of 24V, 48V and 80V, ranging from 200 to 990 Ah, respectively. The fitting took place in 2015. Katoen Natie Rivalta utilizes these high-performance batteries to power its fleet of trucks.

Katoen Natie Rivalta operates across diverse sectors, including consumer goods, general cargo, commodities, food and drink. These busy environments greatly benefit from Tensor's advanced battery technology.

This collaboration between Exide Technologies and Katoen Natie Rivalta is full of successes and milestones:

250

trucks



of Katoen's fleet using
Tensor battery technology



30 %

increase in battery life

Up to



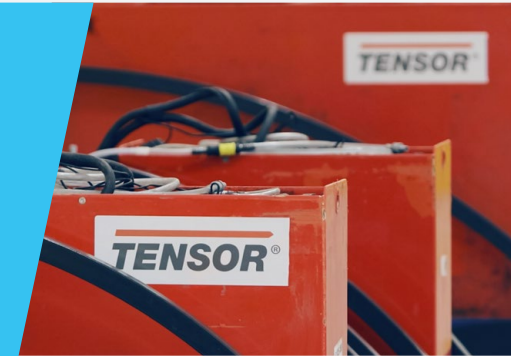
15 %

reduction in truck numbers

More than

460.000 m²

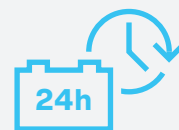
of covered warehouse space
and a direct rail access for
effective goods management



User benefits



Z-profile powerful
fast charging regime



Three shifts, one battery:
No need to change
batteries during shifts
for many applications.



Full recharge
in 4 hours



Outperforms at lower
temperatures



Developed for
highest efficiency and
performance chargers
from Exide Technologies



Seasonal business /
Activity peaks

The results

Congenial collaboration: 10 years of mastering challenges with double expertise let the company enjoy business-changing results.

Thriving and saving: Tensor high-performance batteries has led to notable improvements in fleet management and cost savings on maintenance and equipment has meant a reduction in its truck fleet by up to 15 %.

Effective logistic: Battery life has increased by 30 %. The combination of savings, safety, reduced downtime and longevity enhanced remarkable efficiency gains.

A perfect match

About Katoen Natie

Since the partnership with Exide Technologies began in 2015, Katoen Natie has experienced significant benefits.



“Katoen Italy chose Exide Technologies because of the need to rely on a global partner who could respond quickly and effectively to the continuing needs of the market. The partnership began in 2015, and, through these years, we have witnessed efficiency gains in resource management resulting in cost savings on maintenance and equipment costs in general through periodic analysis of usage data and recommended corrective actions, with the goal of maximising battery yield and life.”

Davide Mercenaro, Rolling Equipment Manager



About Exide Technologies

Exide Technologies (www.exidegroup.com), headquartered near Paris, France, is a leading provider of advanced energy storage solutions for the automotive and industrial markets. It designs, manufactures and markets today's and next-generation battery technologies used across a wide range of applications, from automotive and off-road to material handling, stationary, rail and defense. Exide Technologies serves the global markets with leading battery technologies, know-how & added-value services under many well-known brands.

As an original equipment manufacturer to leading automotive and industrial equipment manufacturers, Exide Technologies has been involved in many of the significant breakthrough energy-storage developments that are enabling innovation across the markets. With two R&D facilities, 10 production plants and three recycling plants in Europe, Exide is committed to high quality engineering, manufacturing and recycling, and energizes the world with the most efficient energy solutions, helping customers maximize productivity and performance. Exide Technologies is serving the markets with products and services of an annual value of ~1,5bn Euro.

Creating the future – the Exide Technologies way:



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