

Belcan



Case Study

Operational Improvements at a Major Automotive OEM

Customer Overview

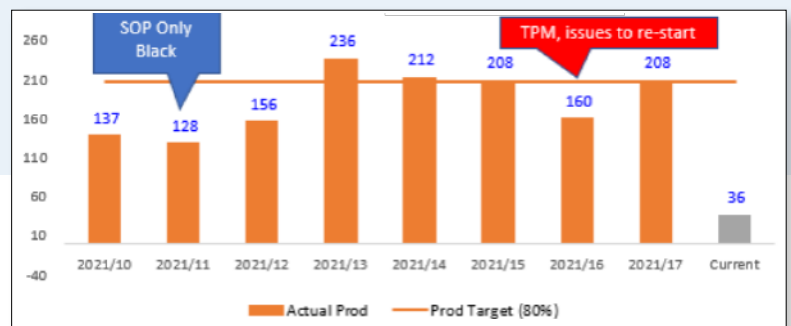
A Top-5 Automotive OEM by Market Share (as of 2021)

Customer Challenge

- The customer's molding supplier began short shipping, which ultimately impacted all sites globally
- The supplier manufacturing site attempted to remedy the issue by adding capital assets and capacity, with no success
- Production and shipping were behind schedule for all of the supplier's customers as OEM demand continued to exceed the supplier's demonstrated capacity
- Production and material planning were in disarray, resulting in excessive change overs
- The supplier's decision makers were not leveraging data to address these issues
- Despite staff becoming overwhelmed by these ongoing issues, the manufacturing site didn't want third party help

Belcan Solution

- Belcan was engaged to do a total situational analysis at the supplier, including a full 5M review, total OEE assessment, and bottleneck confirmation
- Our experienced team conducted informal discussions to gauge associates' knowledge base
- Belcan reviewed the proposed recovery plan, incorporating findings into the final outcome
- The team identified key areas to streamline processes and reduced all cycle times to ensure bottleneck was only limitation
- A comprehensive analysis was conducted to confirm investment needs and future capacity plans



Project Outcome

- Output was increased by 55% through OEE gains found in Belcan's process planning
- The team created a realistic and achievable recovery plan for the supplier with tracking support
- Shipping methods were updated to reduce expedites, saving over \$10,000/week until additional capacity was realized
- Belcan generated a summary report outlining all items found that included data-driven recommendations to guide future decision-making

See how Belcan's integrated and adaptive engineering services can work for you.

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