



POLARIS PROOF

ACHIEVING OPERATIONAL EFFICIENCY THROUGH PROGRAM IMPROVEMENT

6

Months

8 → 2

TAT Reduction
(Days)

Achieving operational efficiency requires focus and smart thinking. Mammoet, the market-leading heavy lifting and transport company specializing installing and decommissioning large structures, was able to identify opportunities for program improvement – allowing them to achieve outstanding operational efficiency.

Mammoet began their fluid analysis journey with POLARIS Laboratories® five years ago, although the majority of the results-driven program improvements took place in just six short months. That's when the company focused on program improvements including team transparency, data management, shipping enhancements, utilizing available tools and maximizing innovative resources that are available. Mammoet started to see a massive increase in program effectiveness through improving these areas – saving the company time and money, reducing their environmental footprint and gaining more reliable data. This data opened up possibilities to adapt the oil lifetime to the components – unlocking a move from preventive maintenance to predictive maintenance and extending their oil drain intervals significantly.

ALL IN THIS TOGETHER

Mammoet realized open communication between the mechanics and management was vital to program success. Allowing the mechanics and technicians to become a part of the fluid analysis program – turning to them for feedback and improvement suggestions – allowed for an increase in transparency and teamwork. Management shares sample results with mechanics, keeping them involved throughout the process, not just when high-severity reports are received and repairs are needed.

MANAGING THE DATA

The company utilized the data management resources within HORIZON®, ensuring their equipment list was continuously updated, accurate and clean. Mammoet included standardized naming conventions of component ID's in an effort to clean up their equipment, allowing for easy identification and minimal confusion.

SHIPPING ENHANCEMENTS

Based out of the Netherlands, the company collaborated with their shipping carrier to send their samples to POLARIS Laboratories® facility in Poznan, Poland. Decreasing unnecessary shipments reduced the company's turnaround time from 8 days to 2 days – allowing the company to quickly take action on sample results, cutting both costs and environmental impacts.

INNOVATIVE PROGRAM MANAGEMENT

Mammoet decided to take their fluid analysis program paperless – eliminating manual sample submission and encouraging the use of the Mammoet-specific submission form. The company adopted the HORIZON online platform and mobile app for program management, enabling the whole process to become paperless. The company also collaborated with POLARIS Laboratories® to establish specialized barcodes, saving time and eliminating waste.

FUTURE PLANS FOR IMPROVEMENT

Mammoet's long-term plans for continuously improving their fluid analysis program with POLARIS Laboratories® include integrating their SAP maintenance system with HORIZON to share their sample data between systems. This is a feature called DataConnect and is the first step the company can take to prepare for the future of reliability and sustainable asset management.