

Mobil Vacuoline 546 delivered nearly 900,000 EUR savings for a tire manufacturer over seven-year period*

Rubber mixer | Tire manufacturer | Serbia

Situation

A large tire manufacturer in Serbia was looking for a solution to improve productivity and efficiency of their operation. They particularly wanted to address issues with their HF 550 rubber mixer that needs to be operated almost 24/7 as a vital part of their production line.

Due to a suboptimal lubrication solution in the rubber mixer, its dust ring seal had to be changed every 8 months, driving up the maintenance costs and hindering production capability.

Recommendation

Mobil and its authorized distributor Plattner Serbia recommended switching the sealing ring oil in the HF 550 rubber mixer from competitor process oil to **Mobil Vacuoline 546**.

Mobil Vacuoline 546 provides excellent resistance to oxidation and thermal degradation, and a high level of protection against wear.

Impact

Mobil Vacuoline 546 delivered impressive results increasing the seal change interval from 8 months to 7 years, that is a **10 x increase in the component life!**

Thanks to the excellent lubrication properties of Mobil Vacuoline 546, the reduced oil flow rate also provided nearly **50% reduction in oil consumption**.

Overall the switch to Mobil Vacuoline 546 resulted in a major productivity enhancement, a significant maintenance cost reduction and safety and environmental improvements.



7-year savings



€ 887,000 EUR
Revenue Improvement



763 Hours
Exposure Reduction



252,000 Liter
Less waste oil

Advancing Productivity

Helping you reach your Safety, Environmental Care** and Productivity goals through our innovative lubricants and services is our highest priority. That's Advancing Productivity. And that's how we help you achieve your broader vision of success.

*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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