

Mobilith SHC™ 220 synthetic grease helps extend wheel bearing life and reduce grease consumption*



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Mercedes Benz Actross 4843 | PT. Bina Sarana Sukses - mining division | Kalimantan, Indonesia

Situation

PT. Bina Sarana Sukses – a coal transportation provider – operates 60 Mercedes Benz Actross 4843 trucks to transfer coal from the mining site to the port. The trucks operate on a 24-hour schedule and travel about 100km daily under road conditions that led to frequent wheel bearing damage. Bearings were replaced every 1500 hours, half the OEM recommendation. Additionally, replacing the wheel bearings caused significant downtime. In an effort to improve bearing reliability, the company approached ExxonMobil for a lubricant solution capable of extending replacement intervals.

Recommendation

ExxonMobil engineers recommended switching to **Mobilith SHC™ 220** synthetic grease. Formulated with a synthetic base fluid and a lithium complex thickener, **Mobilith SHC 220** contributes excellent protection against wear, rust and corrosion, and also maintains operating viscosity at high and low temperatures.

Impact

After transitioning to **Mobilith SHC 220** synthetic grease, PT Bina Sarana Sukses was able to extend wheel bearing life from 1,500 hours to 3,000 hours, reducing grease consumption by 50%.

Benefit

The company reports that **Mobilith SHC 220** synthetic grease helped to reduce equipment downtime and generate significant cost savings.

Company-estimated
annual savings of
US \$186K

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*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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