

Mobilgrease XHP™ 222 helps Singapore construction company extend re-greasing intervals



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SITUATION

Kok Tong Transport and Engineering Works, a robust civil engineering & infrastructure company was using a market general EP-2 grease to lubricate all of its excavator. The company experienced high grease consumption and grease softening. The need for frequent re-greasing also increased man-machine interaction and environmental impact due to used grease disposal.

RECOMMENDATION

Mobil Field Engineering Services and Distributor Lube Engineer studied the situation and recommended **Mobilgrease XHP™ 222** along with feed rate optimization. This lithium complex based grease is formulated to provide excellent equipment protection with superb resistance to water washout even under sever operating conditions. Used grease samples were also tested at Mobil Serv Lubricant Analysis to monitor levels of metal wear and protection capability for new re-greasing intervals.

BENEFITS

	Safety	Reduced man-machine interaction	36,400 Hours
	Environment Care	Reduced used grease disposal	66,500 kg
	Productivity	Savings on expenditure	SGD\$ 284,271

IMPACT

After switching to **Mobilgrease XHP™ 222**, the company has tripled re-greasing interval up to 2 days. The amount of grease consumption significantly reduced by 40% and the associated labor cost had also decreased by 44%. As a result, an estimated total annual savings of SGD\$284,271 can be delivered.

Potential total annual savings of

SGD\$ 284,271

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