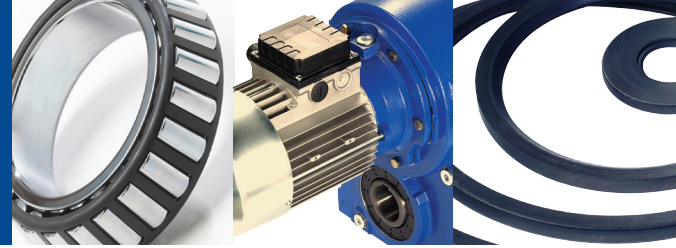


CBC and ONE EYE INDUSTRIES SAVES COAL MINE \$250,000 IN A YEAR BY AVERTING DRAGLINE SWING GEAR CASE FAILURE



Our Challenge: To prevent the imminent catastrophic failure of a swing gear case in a dragline due to excessive wear in the gear teeth. The spare parts required to effect a repair were not available for 12 months, so an effective solution to keep the swing gear case working in the interim was critical.

Solution: CBC designed and supplied One Eye Industries magnetic filter rods to extract the ferrous material causing the excessive wear. We supervised the fitting in-situ during a scheduled maintenance shutdown day. The rods were inspected and cleaned every 21 days.

Result: The rods prolonged the life of the gear case until new gears arrived in 12 months.



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Magnetic filter rods with the ferrous contaminants extracted from the gear case oil

