

SIBERIAN MINE SETS NEW RECORD WITH SERIES G



Following the installation of new conveyor system powered by David Brown Series G gear units, the "SUEK-KUZBASS" team at the Siberian "Kotinskaya" coal mine has set a new record monthly production record.

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In July 2008 a team led by Vladimir Melnik's mined 635,000 tons of coal from long wall #52-03 at the Siberian "Kotinskaya" coal mine.



Located underground, the five David Brown units perform the critical task of powering the long wall conveyor and removing the coal from the face to be transported out of the drift mine. The series G right angle bevel helical units are 750 and 500kW capacity units with a high specification sealing system to ensure maximum oil tightness and optimum seal life and reliability in this extremely harsh and demanding environment.



The previous Russian coal production record belongs to the same team which had already mined 601,500 tons of coal in May 2008.

In total the same team mined a total of 2.7 million tons of coal in the period May – September 2008. The Kotinskaya mine also holds the Russian record for annual coal output from a single long wall, which was set in 2007 at 4,415,000 tonnes.

Series G bevel helical right angle and helical parallel shaft drive gear units meet the requirements of today's toughest applications in the medium and heavy-duty sector of the power transmission market. The range's innovative modular design technology has minimised manufactured part count to maximise availability of product, while other significant features are a horizontal split case design for ease of maintenance and a large diameter output shaft and bearings to maximise overhung load capacity.



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