

CASE STUDY

IMPROVED METSO C140 CHEEK PLATE LIFE

H-E PARTS INTERNATIONAL (H-E PARTS) SPECIALIZES IN PROVIDING WEAR MANAGEMENT SOLUTIONS. OFFERING A FULL RANGE OF PROTECH™ WEAR PROTECTION PRODUCTS, H-E PARTS PROVIDES THE RIGHT MATERIAL OR COMBINATION OF MATERIALS FOR EACH APPLICATION

Evolution Mining was experiencing insufficient cheek plate life on their Metso C140 jaw crusher operating at the Mungari gold mine in Western Australia. H-E Parts had previously assisted with crusher liner and feeder pan improvements and was engaged to provide a solution with confidence that any recommended changes would be low risk, due to these previously demonstrated successes.

H-E Parts technical account and engineering teams worked with site based maintenance personnel to understand the specific wear application, maintenance requirements and detailed a solution utilizing an upgraded material from our range of ProTech™ wear products.

The solution was adopted, installed, and run by the customer. The result was the extension from a 2 week OEM liner life to six weeks, using H-E Parts manufactured PT-60 cheek plates. This represented a 200% life increase and allowed the operation to maximize crusher availability, while significantly reducing total cost of ownership.

H-E Parts offers a full range of ProTech™ wear protection products for both impact and sliding abrasion applications, enabling us to offer a tailored solution for our customers' specific applications. H-E Parts also provides a range of additional services to assist customers in condition monitoring, maintenance planning, wear product selection, inventory control, 'as built' drawings, installation, inspections and reporting.

These service offerings are supported by H-E Parts in-house engineering expertise and utilizes state of the art 3D laser scanning equipment and proprietary modeling software such as ChuteVision™ to meet exact customer requirements. This ensures that production is maximized while costs are controlled, and maintenance is minimized.

CUSTOMER	Evolution Mining
LOCATION	Mungari
APPLICATION	Metso C140 Jaw Crusher
PRODUCT	ProTech™ PT-60 cheek plate



	OEM LIFE	H-E PARTS LIFE
LIFE (WEEKS)	2	6
LIFE INCREASE (%)		200%

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