

CASE STUDY: CS-08

Copper & Gold Mine

Site:	Earnest Henry Mine
Application:	Shell Bolting on ThyssenKrupp gyratory crusher
Original Set-Up:	Thirty six M72 Nuts and bolts tightened with hydraulic torque wrenches
Issues Experienced:	<ul style="list-style-type: none">● No Control of bolt load● Difficult and confined location● Nuts loosening during operation● OH&S issues with the use of hydraulic torque wrenches
Technofast Product Used:	Special M72 x 6.0 High Tensile EziTite® Hydraulic Nuts
Benefits Experienced:	<ul style="list-style-type: none">● Easy installation and handling● Removed the need for hydraulic torque wrenches improving OH&S● Precise bolt load achieved● Units remained tight throughout operation period
Installation Time:	Old Method = 12 hours (4-5 personnel) New Method = 4 hours (2-3 personnel) Time Saving = 8 hours
Feedback Received:	“Installation went extremely smoothly with shells being closed together evenly. Very little physical effort was required to operate the units” QA Engineer

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Application Pictures



EziTite® Hydraulic Nuts installed prior to commissioning of new crusher..

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