

CASE STUDY: CS-07

Quarry

Site:	Queensland Quarry
Application:	Shell bolts on J50 Terex Jaques crusher
Original Set-Up:	Twelve M64 Grade 4.6 nuts and bolts tightened with flogging wrench
Issues Experienced:	<ul style="list-style-type: none">● No Control of bolt load● uneven closure of shells● Nuts require periodic checking due to loosening● OH&S issues with the use of flogging Spanner
Technofast Product Used:	Standard commercial grade M64 EziTite® Hydraulic nuts fitted with dust covers (EZI-CM64X6L)
Benefits Experienced:	<ul style="list-style-type: none">● Easy installation and handling● Removed the need for flogging spanner improving OH&S● Precise bolt load achieved● Units remained tight throughout operation period
Installation Time:	Old Method = 3 hours (2-3 personnel) New Method = 30 minutes (2 personnel) Time Saving = 2 hours and 30 minutes
Feedback Received:	“Applying multiple units at a time saves time and removes the possibility of jamming the taper” <i>Quarry Manager</i>

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FM233-CS07 (Rev-2)



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Application Pictures



EziTite[®] Hydraulic Nuts installed to and fitted with dust caps ready for service.

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