



COST AND BENEFIT ANALYSIS

OF THE TRAXOL EXPRESS GEAR CLEAN METHOD

The scenario is based on a typical Gear Clean situation 350 kms from Kalgoorlie. Both jobs are carried out utilising three operators at \$45.00 per hour per operator. (**Method A**) Employing the Traxol Express Gear Clean. (**Method B**) is Cleaned by Conventional High Pressure Cleaning .

(A) TRAXOL EXPRESS GEAR CLEAN

(B) COMMANDO HIGH PRESSURE CLEAN

Down Time – .75 hour	Down Time – 4 hours
Travel Costs – 700 kms @ \$1.00 p/km \$ 700.00	Travel Costs – 700kms @ \$1.00 p/km \$ 700.00
Travel Costs Vac Tanker @ \$2.00 p/klm \$ 1,400.00	Travel Costs Vac Tanker @ \$2.00 p/klm \$ 1,400.00
Travel Time –3 men x 10hr x \$40.00 p/hr \$ 1,200.00	Travel Time –3 men x 10 hrs x \$40.00 p/hr \$ 1,200.00
Set up and Induction Time 3 men x 3 hrs @ \$45.00 p/hr \$ 405.00	Set up and Induction Time 3 men x 3 hrs @ \$40.00 p/hr \$ 405.00
Production Grimefighters Crew Included in Service Cost	Production Grimefighters Crew More Cleanup Time 3 men x 7 hrs @ \$45.00 p/hr \$ 945.00
Equipment Hire \$ 1,600.00	Equipment Hire \$ 1,825.00
Vac Tanker Hire Approx \$ 600.00	Vac Tanker Hire \$ 960.00
Chemicals Traxol 2 x 210 Ltr + 40lts Detrax \$ 7,200.00	Chemicals \$ 1,100.00
Disposal Costs Approx \$ 1,400.00	Disposal Costs Using More Water Approx \$ 2,200.00
Express Gear Clean Service \$ 3,000.00	
General Shutdown labour stand down time - Minimal Time \$ 0.00	General Shutdown labour stand down time - 40 men x 4 hrs @ \$48.00 p/hr \$ 7,680.00
Non Production of Mill - .75 hr @ \$18,000.00 p/hr \$ 13,500.00	Non Production of Mill - 4 hr @ \$18,000.00 p/hr \$72,000.00
TOTAL COST \$ 31,005.00	TOTAL COST \$90,415.00
TOTAL SAVING OVERALL \$59,410.00	(Plus a Few Beers For The Boys !!!)

When assessing the costs associated with a Gear Clean, the overall picture needs to be carefully considered !!!

As can be seen from the above analysis, whilst the Traxol method may appear more costly for the actual clean. However, the overall saving in relation to Production time is far greater in comparison to a conventional High Pressure clean method.

Experience ; Results and client feed back have proven that the Traxol Express Gear Cleaning Method is Extremely Cost Effective and Technically Sound in All Situations.