

## **TYPICAL KID III OPERATING COST**

1. Amortization – Figure amortization based upon local guidelines, cost, anticipated use, etc.
2. Grinder Maintenance (labor only)

Daily maintenance – Inspect grinder, lubricate, clear out radiator, check fluids, fill fuel tank, minor repairs - 0.5 hours per day.

Weekly maintenance – same as daily maintenance only more thorough – 1.0 hours per week.

Major maintenance – change fluids & filters as required, turn or replace hammers, inspect grinder, make repairs/replace parts as required – 4.0 hours every 4 weeks.

Average 4.5 hours/week. Use your labor rate.
3. Fuel – I do not know the local diesel fuel cost. Assume 15 l/hr when operating.
4. Engine oil & filters – Change every 500 hours or 2 times/year. Cost of filter & oil approx US\$170 per change.

Annual cost = US\$340.
5. Hydraulic fluid & filters – change twice a year. Cost of fluid & filter approx US\$750 per change.

Annual cost = US\$1500.
6. Hammer replacement – Assuming an average of 600 hr hammer life, the hourly cost of hammers and pins is estimated at US\$3.85 per hour.
7. Operating labor – Only one loader/operator is required. Assume the operator starts the grinder, adjusts the speed of the feeder and feed roll, and watches the operation of the grinder from his loader, with full amount charged to grinding. Use hourly rate of the grinder operator. Add hourly cost of loader.