

# CASE STUDY

## Rope Shovel

### COMPANY

- RIO TINTO and

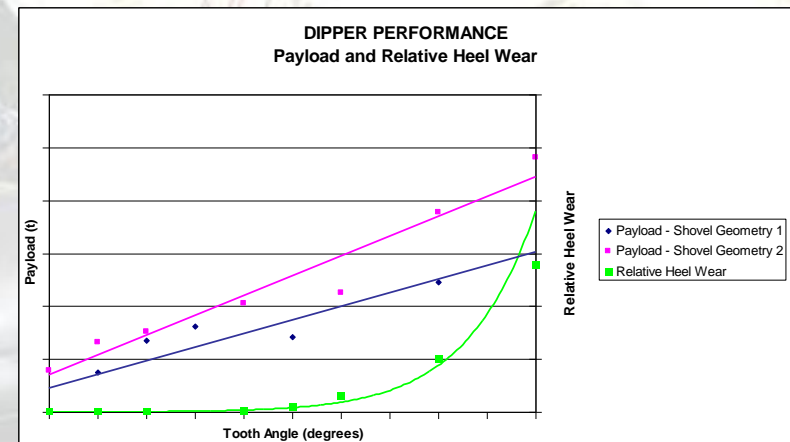


### CHALLENGE

- Correct problems with problem dipper
- Test OEM proposed ~ \$2m solution
- Produce superior alternative solution

### LC PROVIDED

- OEM Proposed mods proven fallible
- LC Proposed mods chosen
- Total cost ~\$0.8m
- Field results matched tests
- Reduced energy usage



### RESULT