



## CASE STUDY

### CUSTOMER

NORTH PARKES RIO

### LOCATION

TINTO COPPER MINE, AUSTRALIA / JUN 2009

### EQUIPMENT

CONVEYOR DRIVE GEARBOX FLENDER

### APPLICATION

GEAR OIL

### PROVEN RESULTS



IMPROVED  
QUALITY  
OF OIL

### CHALLENGE

High level of ferrous contamination in the gear oil of the main underground haul out conveyor drive gearbox (capacity of 210 L).

### SOLUTION

Install an OEI magnetic filter scrubber on the coolant circulation loop with a flow rate of 5 L/min. with a bypass for servicing during operation.

### RESULTS

After one week in service the magnetic filter was removed from the scrubber housing and a substantial amount of ferrous contamination was trapped on the magnetic filter and the oil was visually cleaner.



PRODUCT  
RECOMMENDATION  
**MAGNETIC  
FILTER SCRUBBER**



403.242.4221



QUOTES@ONEEYEINDUSTRIES.COM

