



## CASE STUDY

### CUSTOMER

WHISTLER/BLACKCOMB SKI HILL

### LOCATION

WHISTLER, BC CANADA / 2010-2013

### EQUIPMENT

SKI LIFT GEARBOXES

### APPLICATION

LUBE OIL

### PROVEN RESULTS



IMPROVED  
SKI LIFT  
GEARBOX  
RELIABILITY

REDUCED  
OPPORTUNITY FOR  
INJURY

“ We completely rebuild our gearboxes every 20,000 hours and we like what we see. The magnetic filter catches all the debris and fines. This will extend the gearbox operational life significantly.”

- Dan Williams, Whistler Blackcomb's Lift Maintenance Supervisor

### CHALLENGE

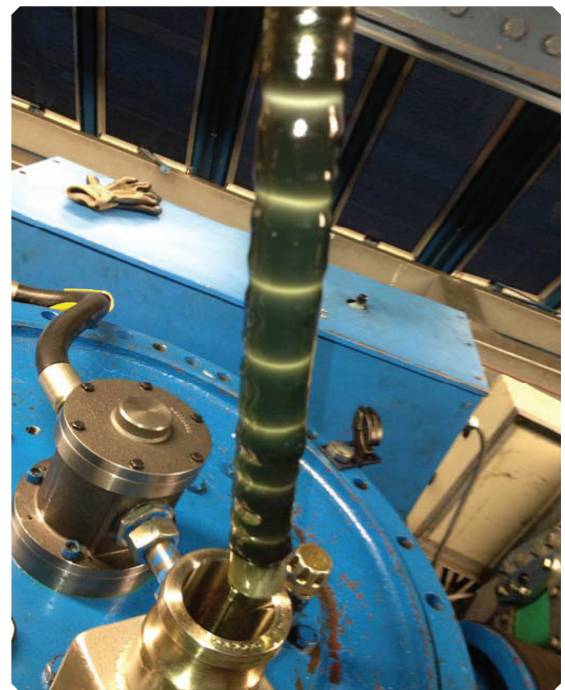
Reduce metal debris in the ski lift's gearbox lube oil to prevent premature gear and bearing wear thus reducing downtime and ensuring the safety of the users of the lift.

### SOLUTION

Install an OEI magnetic filter scrubber to remove wear contamination, and increase the lube oil and gearbox component life.

### RESULTS

The photo shows the captured contamination from the magnetic filter element after one month of use. Particle sizes ranged from 40+ microns to sub-micron. Through the use of OEI's reusable magnetic filter, Whistler/Blackcomb ski hill has seen decreased expenditures in the maintenance of the gear lift boxes and has been able to utilize these funds toward proactive maintenance



PRODUCT  
RECOMMENDATION

**MAGNETIC FILTER  
SCRUBBER**



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