



R.L. BALCONI Co.

Reliability, Innovation, Integrity

CASE STUDY

CLIENT: NORTH AMERICAN
IRON ORE MINE

PROJECT: HAUL TRUCK
WHEEL MOTOR FILTER UNIT



C.C. JENSEN

ISO 21/20/17
to 13/12/8 in
1-hour



CC Jensen Off-line Filtration Drastically Reduces Oil Contamination

THE CHALLENGE

50 gallons of SHC 680 oil were being changed preventatively every 1,000 hrs. on Komatsu 930E haul truck wheel motors
→ Starting point ISO 21/20/17



THE SOLUTION

CC Jensen MFU 27/108 mobile flushing unit with (x4) GF1 27/27 cellulose inserts and OCM particle counter



THE OUTCOME

→ ISO 13/12/8 after 1 hour of filtering
→ Transition the program to a condition-based approach by filtering the oil instead of changing



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