



CASE STUDY

CUSTOMER

IRON ORE COMPANY OF CANADA (IOCC)

LOCATION

NL, CANADA / AUG 2009

EQUIPMENT

HIGH FLOW FUEL DISPENSING SYSTEM

APPLICATION

DIESEL FUEL

PROVEN RESULTS



PROTECTED
TIER 3 & 4 ENGINES
FROM WEAR
PARTICLES DOWN
TO 4 MICRONS
AND BELOW

CHALLENGE

IOCC was concerned with their diesel fuel meeting higher-tier engine fuel cleanliness requirements. Existing fuel cleanliness aligned with North American fuel delivery standards, however, IOCC wanted to improve on the cleanliness in order to minimise on injector and pump component wear.

SOLUTION

IOCC approached OEI with specific design criteria regarding media capture, a flow rate of 300 gpm, and pressure restrictions. OEI recommended a high-flow filtration system that would include a magnetic filter scrubber and two ADD-Vantage 9000s filters.

RESULTS

The photos show contamination collected on the magnetic filter elements and the ADD-Vantage 9000 stainless-steel cloth elements. The amounts of contamination collected, if left in the fuel, would damage injector and pumping components.



PRODUCT
RECOMMENDATION

ADD-VANTAGE 9000



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