



CASE STUDY

CUSTOMER

MANUFACTURING FACILITY

LOCATION

USA / MAR 2007

EQUIPMENT

GILDERMEISTER MILLING MACHINE

APPLICATION

COOLING / CUTTING FLUID

PROVEN
RESULTS



SYSTEM
OPERATING
TEMPERATURE
MAINTAINED

UNSCHEDULED
DOWNTIME
PREVENTED

CHALLENGE

Prevent metal filings from filling the cooling system to avoid overheating and shutdown. The traditional filtration in the Gildermeister machine's cooling system was not providing effective filtration and, therefore, the machine's radiator was filling with metal filings. As a result, the machine was running at temperatures from 32-34 degrees Celsius (shut down would occur at 35 degrees). This was causing frequent unscheduled downtime for cooling system maintenance.

SOLUTION

Flush the system and deploy an OEI magnetic filter scrubber on the cooling line to maintain operating temperature, and protect the pump and radiator.

RESULTS

After 2 hours of operation, the cooling system was operating at a temperature of 19° C. To date, the OEI magnetic filter scrubber continues to extract ferrous particles that the OEM filters fail to capture.



PRODUCT
RECOMMENDATION
**MAGNETIC FILTER
SCRUBBER**

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