Following faults are most common:
- Oil breakdown
- Dust build-up on lobes
- Weakened framework mounting

Vibration analysis was unsuccessful because of the high and variable vibration and noise levels.

Health & Safety now limits the allowable operator exposure to 5 minutes per day.

"After trying various CM techniques the MHC gives us the best indication of the blowers condition."

Data & photo courtesy of Corus - CNES
Monitoring blowers - Shap Fell Quarry

General Interpretation
Distress < 5 = Very Good
Distress > 10 = Suspect

Data & photo courtesy of Corus - CNES
All the machine fault types of interest have been detected despite it being a hot, dusty, noisy and variable environment.

High Distress on NDE’s identifies need for lubrication change.

MHC - Memo Pro has prevented catastrophic failure in any of these blowers for the last 8 years.

As a direct result of this on-going success, IBS (a blower servicing specialist) now uses the MHC.

Data & photo courtesy of Corus - CNES