

Dry Ice Cleaning Report for trial run on CAT 5230 Excavator

Problem: Heavy grease, oil and contamination buildup on hydraulic components and structural areas made inspection and maintenance difficult. Traditional cleaning methods required water, chemicals and extended downtime.

Solution: Cold Jet dry ice blasting was used to remove contamination without water or abrasive media.

The process cleaned the excavator while protecting sensitive hydraulic components.

Performance Result:

- **65% REDUCTION IN CLEANING DOWNTIME**
- Trial completed on **CAT 5230 Excavator** using **Cold Jet Dry Ice Blasting Technology**



Dry ice cleaning process can effectively remove all production residues, contaminants, grease, release agents and oil.



Whatever calculation you use, sooner or later, the costs and consequences of a breakdown or failure in production resulting from dirty equipment can quickly exceed 1000% of cleaning costs.



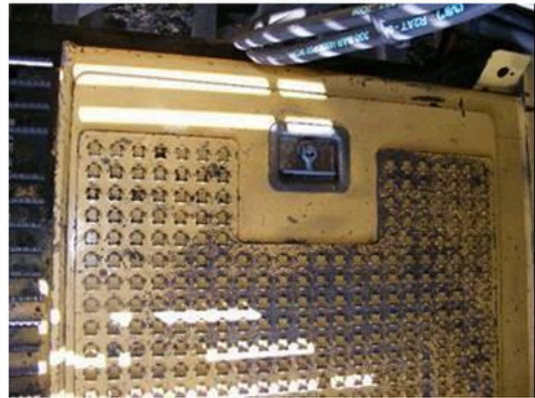
When electrical panels are not cleaned, dust and dirt accumulate on the connections, which can provide high resistance paths that experts have attributed to nearly a third of electrical failures.



Downtime once measured in days or hours is now measured in minutes with dry ice cleaning.



Surface integrity and critical tolerances are preserved.



- ✓ 65% reduction in cleaning downtime
- ✓ No water or secondary waste generated
- ✓ Improved access for inspection and maintenance
- ✓ Hydraulic components cleaned without abrasive damage

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