

CBM - Ultrasonic Analysis Report

SUMMARY OF FINDINGS

Legend

Critical	Failure is imminent. Immediate action and repair shutdown should be seriously considered.
Warning	The machine is exposed to high-level noise that could potentially lead to failure. Plan for repairs during the next shutdown and monitor the machine closely and +8dB indicates a lubrication issue, sound quality differences from baseline, Spectrum FFT fault frequencies indicated.
NORMAL	The machine is running within tolerances. No action needed.

Equipment	Cominco 3 Pasting Line Plates
Date Tested	April 14 2025
Date Analysis	April 15 2025
Overall Alarm Level	NORMAL

Area	Section	Machine	Item Description	Code	APR
Plates	Pasting Line	Cominco 3	Tab Blanker Motor	C3TabM1	NORMAL
Plates	Pasting Line	Cominco 3	Tab Blanker Gearbox	C3TabG1	NORMAL
Plates	Pasting Line	Cominco 3	Drum Motor	C3DrumM1	NORMAL
Plates	Pasting Line	Cominco 3	Drum Gearbox	C3DrumG1	NORMAL
Plates	Pasting Line	Cominco 3	Drum Support Bearing 1	C3DrumB1	NORMAL
Plates	Pasting Line	Cominco 3	Hopper Bearing 1	C3HoppB1	NORMAL
Plates	Pasting Line	Cominco 3	Hopper Bearing 2	C3HoppB2	NORMAL
Plates	Pasting Line	Cominco 3	Drum Support Bearing 2	C3DrumB2	NORMAL
Plates	Pasting Line	Cominco 3	Hopper Bearing 3	C3HoppB3	NORMAL
Plates	Pasting Line	Cominco 3	Hopper Bearing 4	C3HoppB4	NORMAL
Plates	Pasting Line	Cominco 3	Hopper Bearing 5	C3HoppB5	NORMAL
Plates	Pasting Line	Cominco 3	Hopper Bearing 6	C3HoppB6	NORMAL
Plates	Pasting Line	Cominco 3	Pasting Conveyor Motor	C3PasteM1	NORMAL
Plates	Pasting Line	Cominco 3	Pasting Conveyor Gearbox	C3PasteG1	NORMAL
Plates	Pasting Line	Cominco 3	Pasting Conveyor Bearing 1	C3PasteB1	NORMAL
Plates	Pasting Line	Cominco 3	Pasting Conveyor Bearing 2	C3PasteB2	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Motor	C3CutoffM1	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Gearbox	C3CutoffG1	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Bearing 1	C3CutoffB1	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Bearing 2	C3CutoffB2	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Bearing 3	C3CutoffB3	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Bearing 4	C3CutoffB4	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Bearing 5	C3CutoffB5	NORMAL
Plates	Pasting Line	Cominco 3	Cut-off Bearing 6	C3CutoffB6	NORMAL
Plates	Pasting Line	Cominco 3	Flash Dryer Motor	C3FDryrM1	NORMAL
Plates	Pasting Line	Cominco 3	Flash Dryer Gearbox	C3FDryrG1	NORMAL
Plates	Pasting Line	Cominco 3	Flash Dryer Bearing	C3FDryrB1	NORMAL
Plates	Pasting Line	Cominco 3	Stacker Motor 1	C3StacM1	NORMAL
Plates	Pasting Line	Cominco 3	Stacker Gearbox 1	C3StacG1	NORMAL
Plates	Pasting Line	Cominco 3	Stacker Bearing 1	C3StacB1	NORMAL
Plates	Pasting Line	Cominco 3	Stacker Motor 2	C3StackM2	NORMAL
Plates	Pasting Line	Cominco 3	Stacker Gearbox 2	C3StacG2	NORMAL