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Typical Life and Maintenance Cycles for Cutting Components of the CG03 Cutter Grinder

Cutting Component	Life/Maintenance Cycle
Precut Blade	1st Usage Turn over at 4K samples 2nd Usage Sharpen at 8K samples 3rd Usage Turn over after 12K samples 4th Usage Replace after 16K samples If sharpened properly, and the blade is not bowed in any way, then it MAY be possible to resharpen at 16K samples to give a life of 24K samples. Minimum sharpening limits to be observed as per the User's Manual.
Main Blades	1st Usage Sharpen at 4K samples 2nd Usage Sharpen at 8K samples 3rd Usage Replace after 12K samples If sharpened properly and if the blades are in good condition, then it MAY be possible to resharpen at 12K samples to give a life of 16K samples. Blade Retaining Bolts MUST be replaced every 4K samples. Minimum sharpening limits to be observed as per the User's Manual.
Stators	1st Usage Sharpen at 8K samples 2nd Usage Replace after 16K samples If sharpened properly and if the stators are in good condition, then it MAY be possible to resharpen at 16K samples to give a life of 24K samples. Minimum sharpening limits to be observed as per the User's Manual.
Screen Plate	1st Usage Replace after 12K samples Because of the surface hardening treatment, the screen plate CANNOT be sharpened, reversed or surface ground.
Ejector	1st Usage Replace after 32K+ samples Because of material limitations, the ejector CANNOT be reversed or surface ground. Its life will depend on the abrasion in the system and must be judged by each mill. The top surfaces of the "wings" of the ejector may be "hardfaced" using welding techniques and remachined by competent tradespeople for extended life.

WARNING: These are recommendations only (**and NOT guaranteed performance figures**) for clean cane under normal laboratory or mill conditions. If cane contains dirt or other abrasive materials, the life of the cutting components will be reduced. Average sample size is 3-5Kg.