

FACTOR	AUTOMATIC LUBRICATION SYSTEMS (ALS)	MANUAL LUBRICATION
Initial Costs	Higher upfront cost for equipment, installation & components.	Lower initial cost for grease applicators & products.
Labor	Reduced labor costs. Lubrication occurs automatically without requiring machine shutdown. Technicians can focus on program management and inspections.	Higher labor costs. Lubrication requires equipment downtime and multiple manual touchpoints for grease application.
Lubricant Usage	Delivers precise and consistent lubrication at specific intervals, reducing waste.	Manual lubrication is prone to over- or under-lubrication, triggering excess waste or equipment failure.
Performance & Lifespan	Maintaining consistent lubrication reduces friction and heat, extending life of bearings and other components.	Inadequate lubrication from manual greasing can place added stress on moving parts, triggering equipment failure.
Safety	Eliminates the need for employees to access dangerous, moving, or hard-to-reach parts. Reduces risks caused by spills.	Requires maintenance personnel to physically access and lubricate hazardous machinery, increasing pinch point injuries, falls, or other accidents.
Return on Investment	Savings from reduced labor, optimal lubricant use, & lower downtime costs can result in payback within 12-18 Months.	Costs related to manual labor, downtime, & repairs accumulate over time and can result in lost revenue.

Need help evaluating your system?

MCE's team of experts work with your engineers to custom design an automatic lubrication system that's right for you.

For critical and complex machinery, the benefits of automatic lubrication systems can outweigh the lower upfront costs of manual methods.

- ✓ Enhanced safety
- ✓ Cost savings
- ✓ Improved equipment performance



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