

Correct oil usage maximizes the performance and life of your pneumatic tools

The primary cause for repair of pneumatic tools is improper airline lubrication. Pneumatic tools require clean, dry, lubricated air at the right compression. Failure to provide these basic needs for your tools can result in reduced performance (speed, torque) and shorter motor life.

Compressed air fed into a pneumatic tool pushes the blades, causing the rotor to rotate and generate torque output. Lubrication in the air helps the blades rotate easily by reducing friction. It creates a seal within the motor chamber to maximize efficiency.

Lubrication also performs a cooling function, which is very important when you consider most pneumatic motor vanes or blades are made of composite materials that are susceptible to heat damage.

Airline lubrication is often the most overlooked area in a plant's tool maintenance program.

Oil injected in the tool and reconnected to the airline lasts three to 10 minutes while the tool is running. The higher the tool's speed, the faster the blades heat, evaporate the oil and run dry.

Anglomoil Airline Lubricant is designed to lubricate and cool tools, and blow through without creating buildup.

Other oils can leave deposits inside the tool, on the blades, cylinder or end plates. These deposits accumulate over time and drag on the blades, causing the tool to work harder, produce less torque and run at a lower rpm. The buildup eventually gums up the motor and burns up the blades.

Whilst air supplied to air tools should be dried, it frequently isn't and the compressed air will contain substantial amounts of water.

Anglomoil Airline Lubricant contains Demulsifying agents which increase its ability to separate from water. In addition Rust Preventatives provide additional protection for air tools against the damaging effect of moist air.

Anglomoil Superior Lubricants

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