

Columbia Equipment

Uptime Maintenance planner to extend the life of your Equipment

In this fast paced world we live in, it's often hard to keep up with all of the necessary tasks demanded on us. One of the most often neglected chores is the proper maintenance of the equipment we rely on.

The most important element in extending the life of your equipment life and minimizing your affected down time is following a routine maintenance service schedule. It is essential to thoroughly inspect your machine to best catch needed repairs in advance of frustrating breakdowns during the your running season.

Service / Inspection Points - Based on 10 hour production day

DAILY:

- **Safety guards and covers**
 - **Grease block machine**
- **Check hydraulic fluid levels**
 - **Clean mixer**
 - **Grease mixer shaft seals**
- **Check hydraulic system for leaks**
- **Check mixer liners for damage**
 - **Check mixer probe**

WEEKLY:

- **Check hydraulic and air hoses for damage**
 - **Check electrical wires and conduit**
 - **Clean heat exchangers**
 - **Chain tension**

SIX MONTH:

- **Change oil filters and breathers**
 - **Grease all bearings**
 - **Inspect belting and joints**
 - **Inspect belting rollers**
- **Drive belts and pulleys: tension as needed**
First year of operating, NEW equipment, check and tighten all fasteners, use torque wrench on all 5/8 or 16 mm and larger, Every Year thereafter.
 - **Gearbox oil level**
 - **Steel Cable inspection**
 - **Splitter blades**

YEARLY:

- **Complete Safety Inspection**
- **Check all electrical switches and buttons**
 - **Check electrical connections**
 - **Check all fasteners**
- **Replace block machine vibration mounts**
 - **Check mixer liners and paddles**
 - **Check chains, sprockets and gears**
 - **Replace oil in vibrator lube pump**
 - **Take hydraulic oil samples**
- **Check parts coming in contact with mix and aggregates**
 - **Oil air valves**
 - **Replace air filters and silencers**
- **Check hydraulic accumulator pre-charge**

EVERY 6000 HOURS OF RUN TIME

- **Drain and replace all gearbox oils**