

Drilling Rig Checklist Manual



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A412 HC Heat Checking Fig. A413 JD Junk Damage Fig. A414 LC Lost Cone Fig. A415 LN Lost Nozzle Fig. A416 LT Lost Teeth Fig. A417 OC Off Center Wear Fig. A418 PB Pinched Bit Fig. A419

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with the post drill site check procedure. To be used with post drill site check list. Sometimes 24 hours a day, 7 days a week. Meaning, they don't replace anything on the drill rig until it fails. At the other end of the spectrum, a truly preventive maintenance program replaces parts on a fixed and planned interval regardless of wear or condition of the part. When following one or the other, neither of these philosophies is necessarily the most costeffective philosophy. Running parts to failure can cause minor or major breakdowns.

Some components are used more frequently depending on the type of drilling and the size and type of the borehole. Additionally, environmental factors can affect the wear on components and parts including the weather, dust, sand, cuttings, wet, damp, salty, atmospheric conditions high and low elevations affect air density and can impact how components perform, age, and fail, and ground conditions are all factors affecting drill rig components. Taking it all into consideration, the life of different components can vary greatly. Replacing parts before running them to failure can help avoid larger breakdowns and costly downtime. We recommend frequent, planned inspections in place of a comprehensive preventiveonly maintenance program where parts are replaced before they fail. Develop a routine for drill rig inspections or audits using standardized checklists as a guide to check condition and identify parts showing wear and near end of life. Next, the report is used to build a list of parts so you can place component orders and plan for downtime to maintain your rig. The two goals of any drill rig assessment are to Checklists for regular drill rig inspections doesn't need to be specific to the drill rig, you can use a general checklist that applies to all rigs. SPIN is a realtime, online, drill rig parts catalog so you can view and find genuine Boart Longyear parts and drill rig manuals, access interactive drill rig diagrams, and view parts manuals. SPIN also makes it easier to search and find the parts you need for your next service interval. Visit to register to access SPIN today. Consider us your partner in keeping your projects running, with lower operating costs and higher returns on your equipment investments. With genuine parts, you know you're receiving parts that are specifically designed and engineered for that purpose, along with Boart Longyear's global strategy and support.

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