

## NFC Grease Gun Auto-Completion

### Automated Lubrication Logging

NFC Grease Gun Auto-Completion streamlines lubrication tasks by using NFC technology and smart grease guns to automatically log completions in Redlist improving efficiency, accuracy, and compliance.

### Automated Task Logging

Eliminate manual data entry to save time and reduce headcount demands.

### Verified Task Completion

NFC scans confirm on-site task execution, improving compliance and accountability.

### Hands-Free Workflow

Tasks are logged automatically. No phone or tablet interaction required.

### Lubrication Accuracy

Redlist specifies the correct product and quantity for each point to prevent errors.

### 3D Digital Twin Navigation

Technicians are guided visually through assets for faster task completion.

### Real-Time Compliance Reporting

Monitor completed, missed, and overdue tasks for full maintenance visibility.

### Offline Capability

Tasks sync automatically when connectivity is restored.

### Technician Protection

Logged history proves task completion.



## Technical Specifications

### Hardware Requirements

- Works with any standard grease gun, including cordless and high-pressure models
- NFC tags installed on each grease fitting (zerk)

### Software Integration

- Fully integrated with the Redlist platform
- Supports task completion in both 2D and 3D views
- No additional software needed

### Connectivity

- NFC enables short-range communication between grease gun and tags
- Task data is logged via the technician's mobile device using the Redlist app

## Setup Process:

- Attach NFC tags to grease fittings on equipment.
- Pair the smart grease gun with the Redlist app via the device's NFC settings.
- Configure task routes in Redlist to map NFC tag scans to specific lubrication tasks.
- Test the system to ensure accurate task logging and navigation.

## Use Case: **Lubrication Made Simple, Accurate, and Automatic**

A technician enters the pump room and opens Redlist's 3D digital twin view. The app guides them to the next lubrication point on a pump skid.

At the fitting, they use a smart grease gun with an integrated NFC reader. Scanning the NFC tag confirms they are at the correct location. There is no need to interact with a phone or tablet, as Redlist logs the task automatically.

The technician applies three pumps of Jax Halo Guard FG2 grease, following the exact specifications provided in Redlist. Once the task is completed, it is instantly marked as done in the system.

Redlist then directs the technician to the next lubrication point. Compliance reports are updated in real time, giving supervisors full visibility and allowing technicians to focus on the task at hand with confidence.