

# CertiQ on Scooptram ST7

All available information for the specified machine types



## Operation

<b>Loading</b>
Number of buckets
Total distance
Load cycle *Includes additional KPI's
<b>Utilization</b>
Utilization hours (machine off/idle/working)
Utilization %
Motor hours
Tramming hours
Available time
<b>Fuel consumption</b>
Total liters
Liter per hour
Total CO <sub>2</sub> emission
<b>Location</b>
Site position
*Available with RCS Lite load assist

## Maintenance

<b>Service</b>
No. of machines in overdue status
No. of reported services
Predicted date for next service
Hours to next service
<b>Diagnostic</b>
Active alarms
No. of alarms
Alarm type trending (motor/hydraulics/others)
Alarm frequency (Count and time for each type)
Acknowledge alarm
<b>Connectivity</b>
Last communication

## Reports

<b>Excel reports</b>
Report subscription
<b>Notification</b>
Mail notification
SMS notification

## Administration (admins only)

<b>User settings</b>
<b>Machine settings</b>
<b>Organization settings</b>

## Available alarms

Motor oil pressure low critical
Motor oil level low warning
Motor intake air filter clogged critical
Motor intake air temperature high critical
Motor oil temperature high
Motor overspeed warning
Motor overspeed
Motor coolant temp high critical
Motor coolant level low critical
Hydraulic oil temp high critical
Hydraulic oil level low warning
Hydraulic oil level low critical
Hydraulic oil filter clogged warning
Hydraulic oil filter clogged critical
Transmission oil temperature high critical
Transmission oil pressure low critical
Transmission oil level low warning
Transmission failure warning
Transmission filter blocked warning
Upbox oil filter blocked warning
Upbox oil temperature high warning
Upbox lubrication oil flow low warning
Lubrication failure warning
Lubrication level low warning
Brake fluid temperature high critical
Brake fluid filter clogged warning
Brake fluid level low warning
Brake accumulator pressure low critical
Brake accumulator pressure low warning
Brake temperature high
Brake pressure high
Brake test needed warning
Brake test fail warning
DPF level 2 warning
DPF level 3 critical
DEF level 3 critical
Battery voltage low warning

(Some variations of supported alarms may exist due to model year and motor alternative)