

# CertiQ on SmartROC T35, T40, T45, C50

All available information for the specified machine types



## Operation

### Drilling

Total drill meters

Drill meters per drill hour

### Utilization

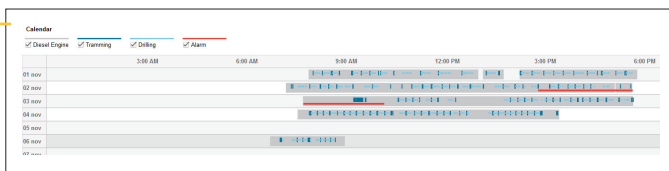
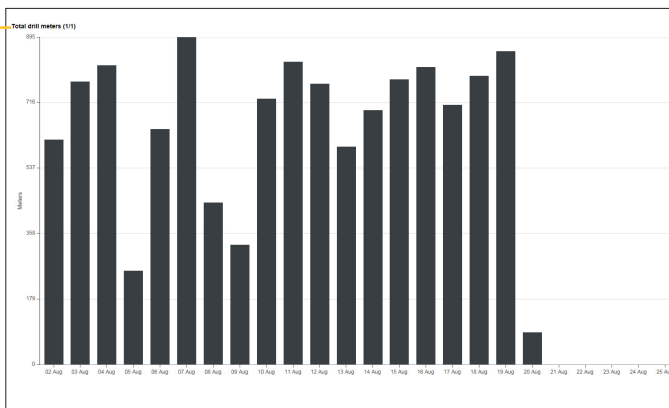
Utilization hours (machine off/idle/working)

Utilization %

Engine hours\*

Drill hours\*

Transmission hours



## Operation

### Fuel consumption

Total liters

Liter per hour

Total CO<sub>2</sub> emission

Liters per meter

### Location

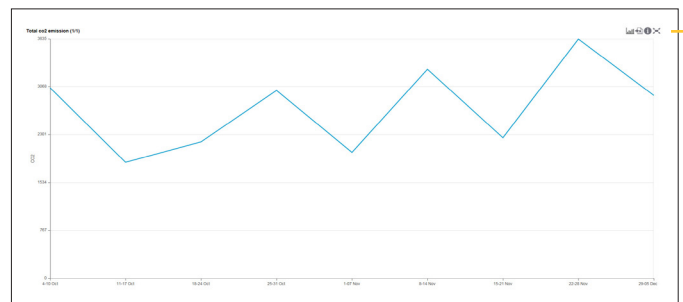
GPS onboard (position Long/Lat)\*

## Maintenance

### Service

No. of machines in overdue status

No. of reported services



Service statistics							
Service table		Service plan log					
Service interval	Description	Unit	Predicted date for service	Next service hours	Status	Total engine hours	Total pump hours
800h	800h SDE Impact service	Drill unit 1	2018-01-24	198	Upcoming	5,122	0
250h	250h LHD Engine service	Engine	2018-12-22	120	Upcoming	5,122	0

\*Available in selected markets on all factory delivered machines

## Maintenance

<b>Service</b>
Predicted date for next service
Hours to next service
<b>Diagnostic</b>
Active alarms
No. of alarms*
Alarm type trending (engine/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

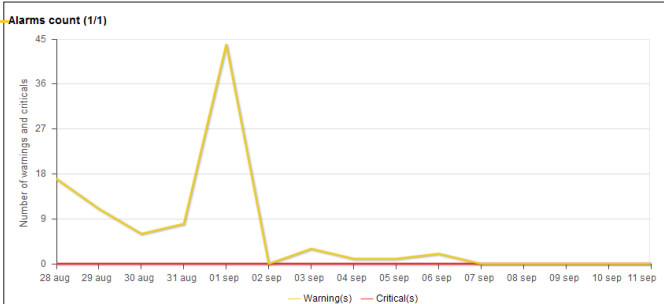
## Administration (admins only)

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

\*Available in selected markets on all factory delivered machines

## Available alarms

Engine oil pressure low warning
Engine oil pressure low critical
Engine air filter clogged warning
Engine fuel pressure warning
Engine fuel pressure critical
Engine coolant temp high warning
Engine coolant temp high critical
Engine coolant level low warning
Engine coolant level low critical
Hydraulic oil temp high warning
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
Compressor low stage temp high warning
Compressor low stage temp high critical
Compressor air filter clogged warning
ECL oil pressure high warning
ECL oil pressure low warning
DFP Initial warning
DPF level 1 warning
DPF level 2 warning
DPF level 3 critical
DEF Initial warning
DEF level 1 warning
DEF level 2 warning
DEF level 3 critical



Machine model	Machines	Date	Drill meters	Drill speed	Utilization %	Utilization hours	Drill hours per day
SmartROC T45	0282	2015-10-01	272,50	136,25	26,0	6,3	2,00
SmartROC T45	0282	2015-10-02	199,60	99,80	18,0	4,3	2,00
SmartROC T45	0282	2015-10-03	0,00	0,00	0,0	0,0	0,00
SmartROC T45	0282	2015-10-04	0,00	0,00	0,0	0,0	0,00
SmartROC T45	0282	2015-10-05	394,10	78,82	39,0	9,3	5,00
SmartROC T45	0282	2015-10-06	536,10	89,35	50,0	12,1	6,00
SmartROC T45	0282	2015-10-07	464,30	77,38	47,0	11,3	6,00
SmartROC T45	0282	2015-10-08	477,80	79,63	47,0	11,4	6,00
SmartROC T45	0282	2015-10-09	319,20	106,40	29,0	7,1	3,00

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

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