

CertiQ on Minetruck MT65

All available information for the specified machine types



Operation

Loading

- Total tonnes
- Average tonnes per engine hour
- Average tonnes per km hour
- Average loaded travel distance
- Number of boxes/buckets
- Average buckets/boxes per engine hour
- Average tonnes per bucket/box

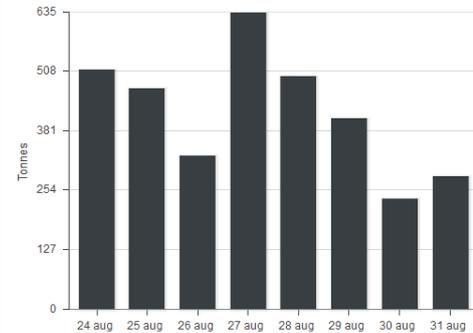
Dump/load point*

Material*

Utilization

- Utilization hours (machine off/idle/working)
- Utilization %
- Engine hours
- Transmission hours
- Delay/status code*
- Operator ID*

Total tonnes (1/1)



Operation

Fuel consumption

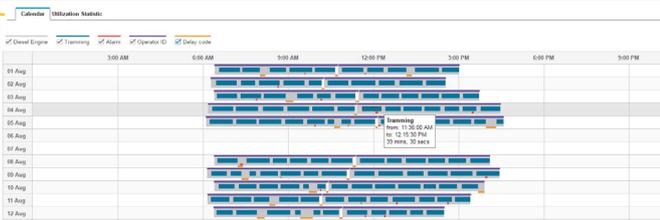
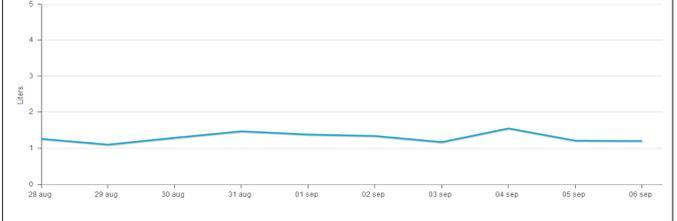
- Total liters
- Liter per hour
- Total CO₂ emission
- Liters per tonne
- Location
- Site position

Maintenance

Service

- No. of machines in overdue status
- No. of reported services
- Predicted date for next service
- Hours to next service
- Service lamp cleared on machine

Liters per tonnes (1/1)



Service statistics						
Service table		Service plan log				
Service interval	Description	Unit	Predicted date for service	Next service hours ↓	Status	Total engine hours
250h	250h LHD Engine service	Engine	2015-09-19	73	Upcoming	1 677

*Available with Certiq onboard functionality.

Maintenance

Diagnostic
Active alarms
No. of alarms
Alarm type trending (engine/hydraulics/others)
Alarm frequency (Count and time for each type)
Acknowledge alarm
Connectivity
Last communication

Reports

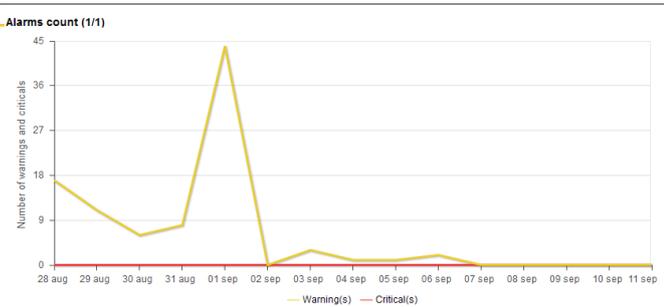
Excel reports
Report subscription
Notification
Mail notification
SMS notification

Administration (admins only)

User settings
Machine settings
Organization settings
Machine communication

Available alarms

Engine oil pressure low critical
Engine air filter clogged warning
Engine intake air temperature high critical
Engine oil temperature high
Engine overspeed warning
Overspeed protection Step 3 warning
Engine coolant temp high critical
Engine coolant level low critical
Hydraulic oil temp high critical
Hydraulic oil level low warning
Hydraulic oil level low critical
Hydraulic oil filter clogged warning
Transmission oil filter clogged warning
Transmission oil temperature high critical
Transmission oil pressure low critical
Transmission oil level low warning
Lubrication level low warning
Brake fluid temperature high critical
Brake fluid filter clogged warning
Brake accumulator pressure low critical
Brake accumulator pressure low warning
Brake temperature high warning
Brake pressure high critical
Brake test needed warning
Brake test fail warning
High tire pressure critical
Tire sensor manually disabled (in gui) warning
Low tire pressure warning
Low tire pressure critical
High tire temperature warning
Tire sensor battery running low warning
Tire sensor faulty
Battery voltage low warning



Load no#	Operator	Cycle start time	Cycle end time	Machine	Production per lead cycle								Material	Delays
					Payload (tonnes)	Loaded time (min)	Cycle time (min)	Loaded distance (km)	Cycle distance (km)	Load point	Dump point			
1	Operator 1	09-23-2016 04:44:08 AM	09-23-2016 09:30:21 AM	MT65	66,40	40	286	11,35	26,57	Load point #1	Dump point #10	Gold		
2	Operator 1	09-23-2016 09:30:21 AM	09-23-2016 12:01:00 PM	MT65	62,85	64	151	10,57	20,89	Load point #2	Dump point #2	Waste		
3	Operator 1	09-23-2016 12:01:00 PM	09-23-2016 02:23:41 PM	MT65	52,65	73	143	10,63	21,12	Load point #1	Dump point #10	Gold		
4	Operator 1	09-23-2016 02:23:41 PM	09-23-2016 05:22:31 PM	MT65	64,35	89	179	11,34	26,56	Load point #1	Dump point #10	Gold	Queue	
	Operator 2	09-23-2016 05:22:31 PM	09-23-2016 08:39:07 PM	MT65	0,00	0	197	0,00	0,00				Planned maintenance	
5	Operator 2	09-23-2016 08:39:07 PM	09-23-2016 10:53:11 PM	MT65	64,00	75	134	11,25	25,60	Load point #1	Dump point #10	Gold		
6	Operator 2	09-23-2016 10:53:11 PM	09-24-2016 01:52:41 AM	MT65	50,35	65	179	10,65	25,29	Load point #1	Dump point #10	Gold	Queue	
7	Operator 2	09-24-2016 01:52:41 AM	09-24-2016 04:03:22 AM	MT65	54,80	73	131	10,14	19,71	Load point #1	Dump point #10	Gold		

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

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