

A circular activity monitoring chart with a central logo and surrounding seismic traces. The chart features a central logo with a stylized 'Y' and 'M' inside a circle. The text 'Yellow Activity Monitoring System' is visible in the background. The chart is overlaid with several seismic traces showing activity over time. The time axis is labeled with numbers from 00 to 23. The text 'ZX330-1' is also visible near the bottom of the chart.

**Samples screens, reports and charts
from the
KED
Yellow Activity Monitoring System
Software**

The Main Screen – Easily work with the whole fleet

Yellow Activity Monitoring System (E:\Delphi_KED\YAMS\Data\Samples\EM2016\)

File Search Columns Data Gatherer Log Book Reports Charts Help

Quick Search: BELL 86 Find Again

Registration	Vehicle Type	Vehicle Model	Fleet	Location	Work Codes	Services	Shifts	Last Data	Recorded Days
BELL-50		Bell 20T	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT CODES		DDDDD NORMAL HRS	2016-09-08 07:48	232
BELL-55	ADT	BELL B30D	KWAZULU NATAL	EEEEE QUARRY	MOBILE PLANT CODES		EEEEE NORMAL HRS	2016-05-24 07:47	80
BELL-58	ADT		KWAZULU NATAL	EEEEE QUARRY	MOBILE PLANT CODES		EEEEE NORMAL HRS	2016-05-24 07:48	80
BELL-76					NT CODES				
BELL-77					NT CODES				
BELL-78					NT CODES				
BELL-83					NT CODES				
BELL85					NT CODES				
Bell-29	ADT	Bell 30T	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT CODES		DDDDD NORMAL HRS	2016-09-09 07:46	233
Bell-30	ADT	Bell 30T	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT CODES		DDDDD NORMAL HRS	2016-09-09 07:22	233
Bell-92F5	ADT	Bell 20T	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT CODES		DDDDD NORMAL HRS	2016-09-09 07:24	233
HDX390-1	FEL	L1706-13 BELL	KWAZULU NATAL	EEEEE QUARRY	MOBILE PLANT CODES		EEEEE NORMAL HRS	2016-05-24 07:45	78
IR 660-7	DRILL RIG	Atlas ECM 660IV			MOBILE PLANT CODES		EEEEE NORMAL HRS	2016-09-02 07:27	116
L1706-1	FEL	Bell 2.5	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT CODES		DDDDD NORMAL HRS	2016-09-09 07:19	233
L1706-13	FEL	BELL	KWAZULU NATAL	EEEEE QUARRY	MOBILE PLANT CODES		EEEEE NORMAL HRS	2016-04-05 07:24	31
L1706-9	FEL		EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES		AAAAA NORMAL HOURS	2016-08-31 07:32	26
L2106-4	FEL		EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES		AAAAA EXTENDED HOURS	2016-08-31 07:05	11
L2106-6	FEL		EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES		AAAAA EXTENDED HOURS	2016-08-31 07:04	11
L2106-8	FEL	Bell 3.6	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT CODES		DDDDD NORMAL HRS	2016-09-09 07:20	233
L2106-9	FEL		EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES		AAAAA EXTENDED HOURS	2016-08-31 06:53	26
R974-2	EXC	EXC 80T	GAUTENG	BBBBB MINING	MOBILE PLANT CODES		BBBBB NORMAL HRS	2016-07-12 16:50	129
VR272RMX:773	ADT	B30D-23	EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:22	130
VR272RMX:776	FEL	L2106E 2106-9	EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 08:18	130
VR272RMX:785	ADT	B30E-83	EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:48	130
VR272RMX:786	ADT	B30D-76	EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:28	130
VR272RMX:787	ADT		EASTERN CAPE	AAAAA QUARRY	MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:26	130
VR272RMX:789	FEL				MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:25	130
VR272RMX:790	FEL				MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-04-23 07:04	49
VR272RMX:791	FEL				MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:24	130
VR272RMX:793	ADT				MOBILE PLANT CODES	MINOR/MAJOR	AAAAA EXTENDED HRS	2016-07-13 07:22	130
VR272RMX:796	EXC				MOBILE PLANT CODES	MINOR/MAJOR (EX)	AAAAA EXTENDED HRS	2016-07-13 07:40	130
WS 2	RGD				MOBILE PLANT CODES		BBBBB NORMAL HRS	2016-08-18 09:26	167
WS 3	RGD	RGD 40T	GAUTENG	BBBBB MINING	MOBILE PLANT C				
ZX330-1	EXC	Hitachi 30T	WESTERN CAPE	DDDDD QUARRY	MOBILE PLANT C				
ZX330-14B8	EXC	HITACHI	KWAZULU NATAL	EEEEE QUARRY	MOBILE PLANT C				

Vehicle Information

First record: Saturday, 5 March 2016

Last record: Wednesday, 13 July 2016 at 07:22

Recorded days: 130

Latest hour meter reading: 528 hr 29 min

Days since last download: 191

39 vehicle/s

Kinetic Electronic Designs

F1 : Help

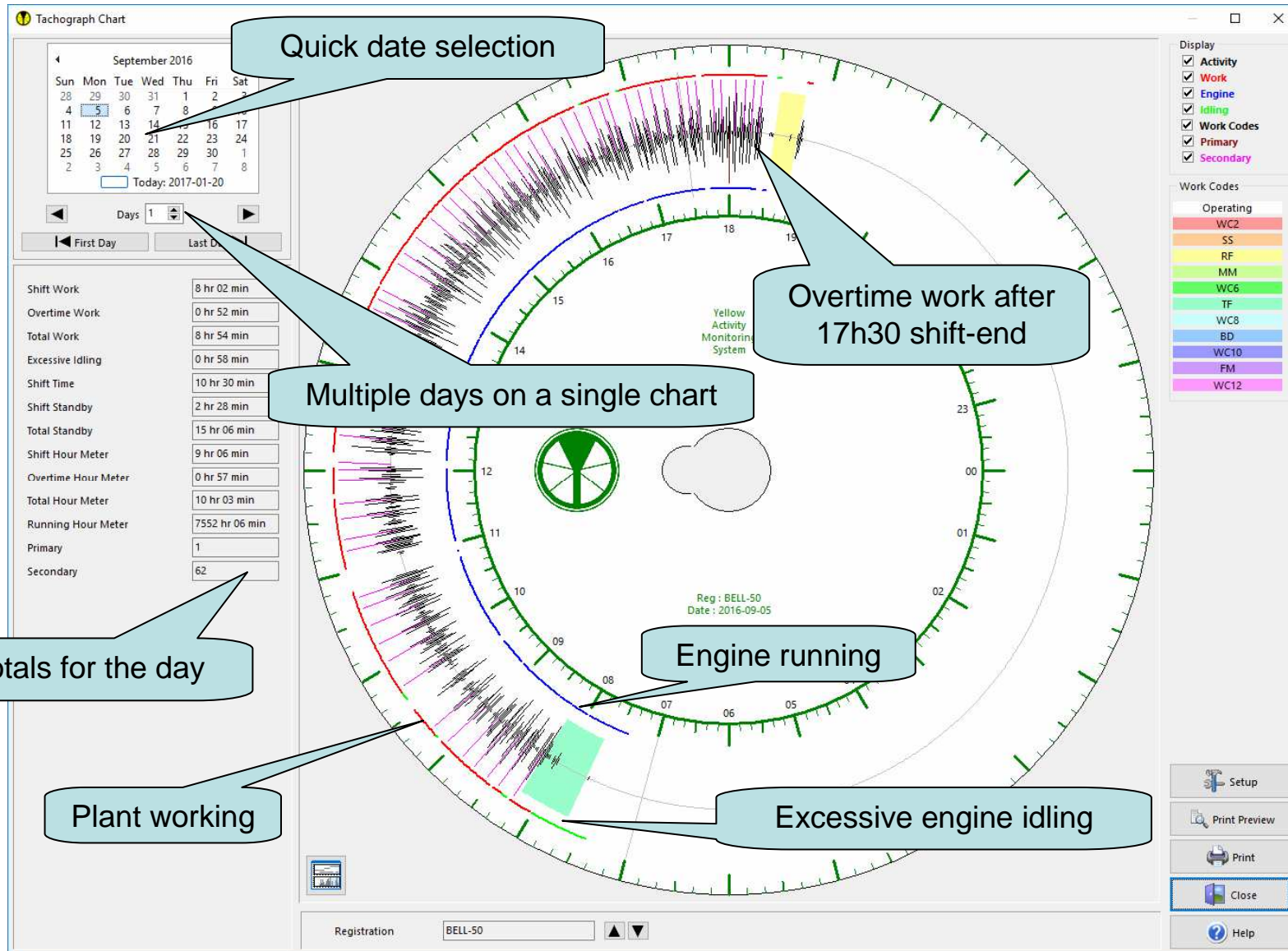
Quick access to the most-used functions, reports and charts

Sort and select by groupings

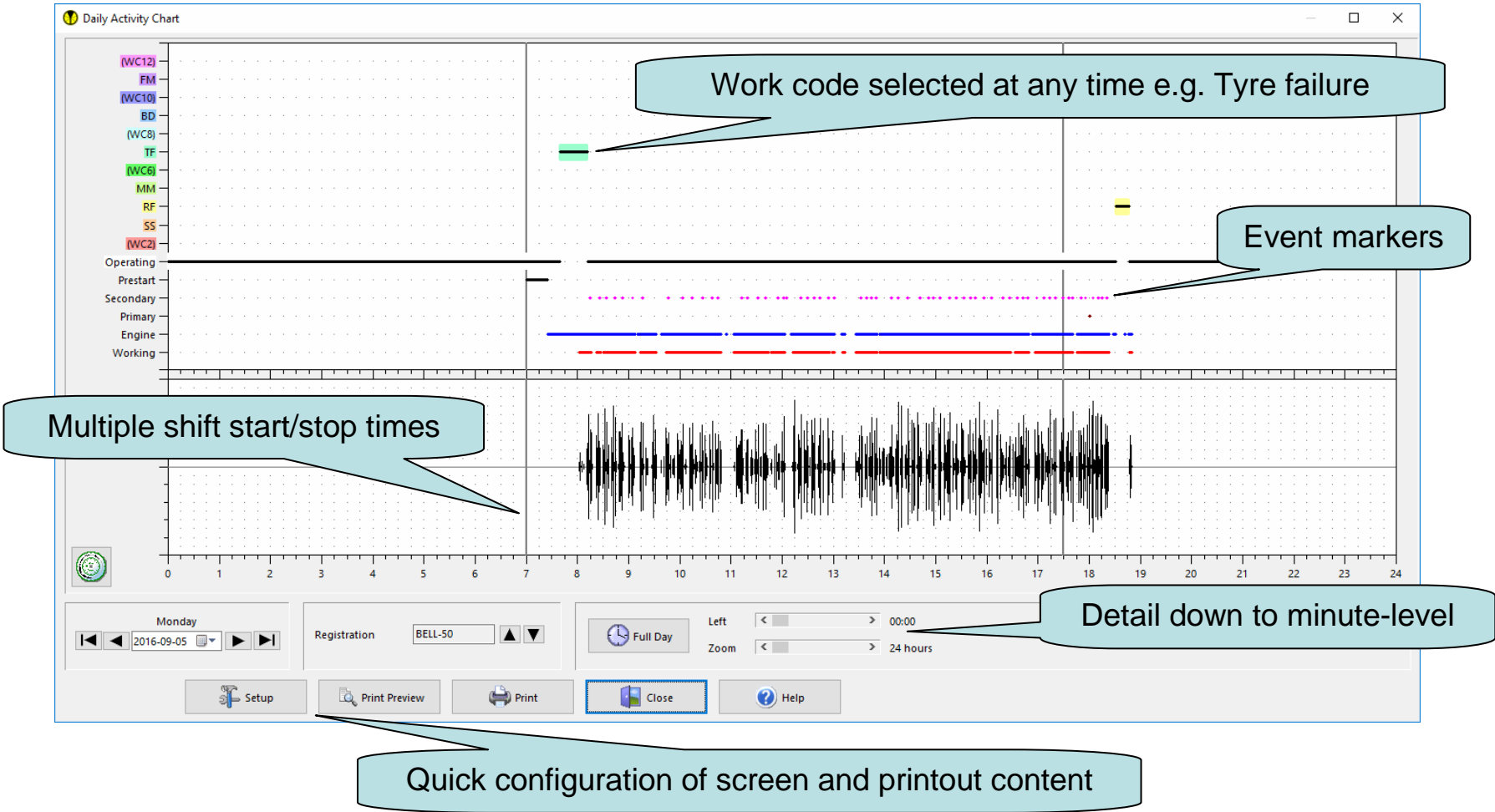
Quick selection of each vehicle being monitored

Context-sensitive F1 help

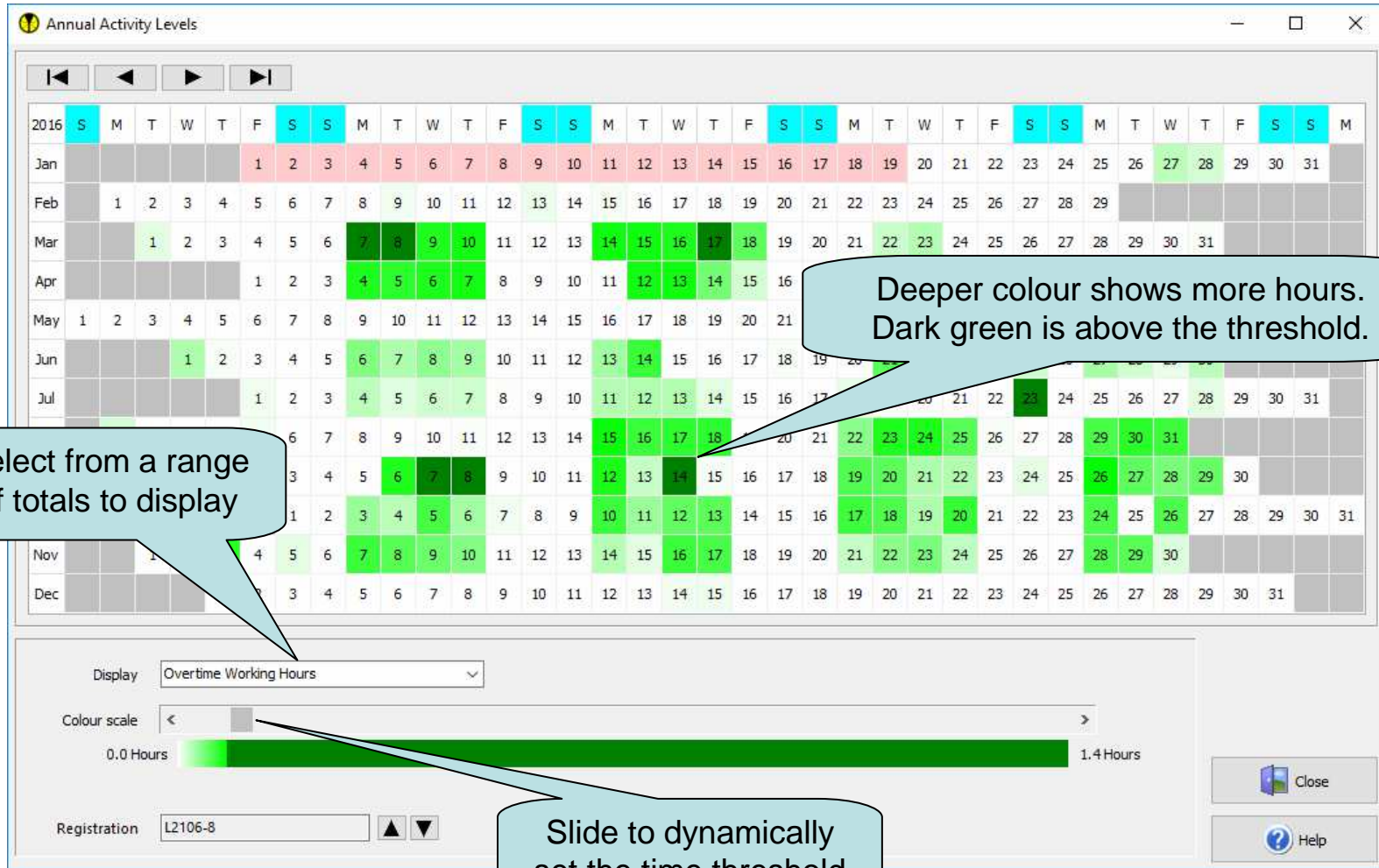
Daily Activity on a traditional 24-hour tachograph chart



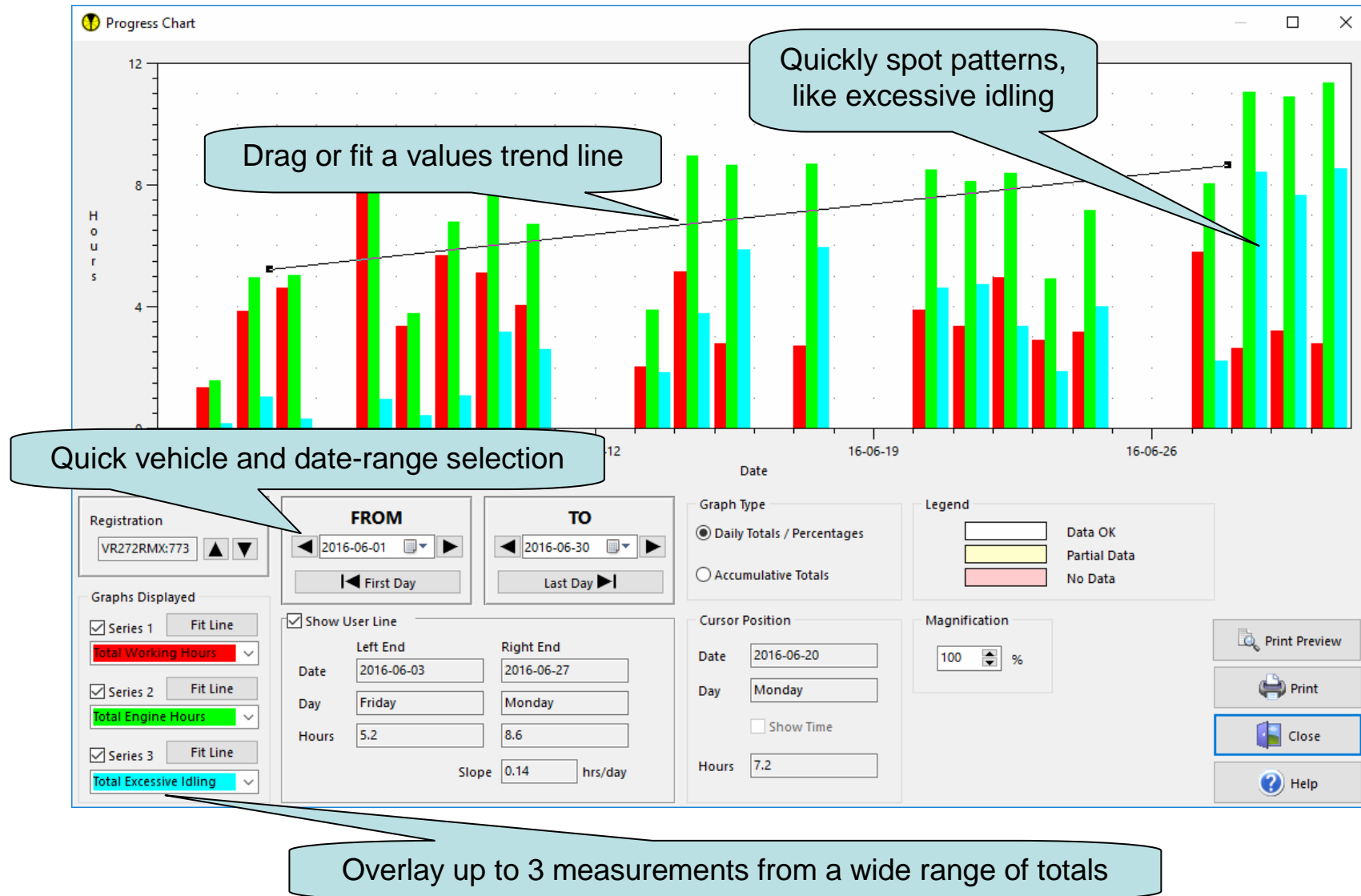
Daily Activity on a linear 24-hour chart



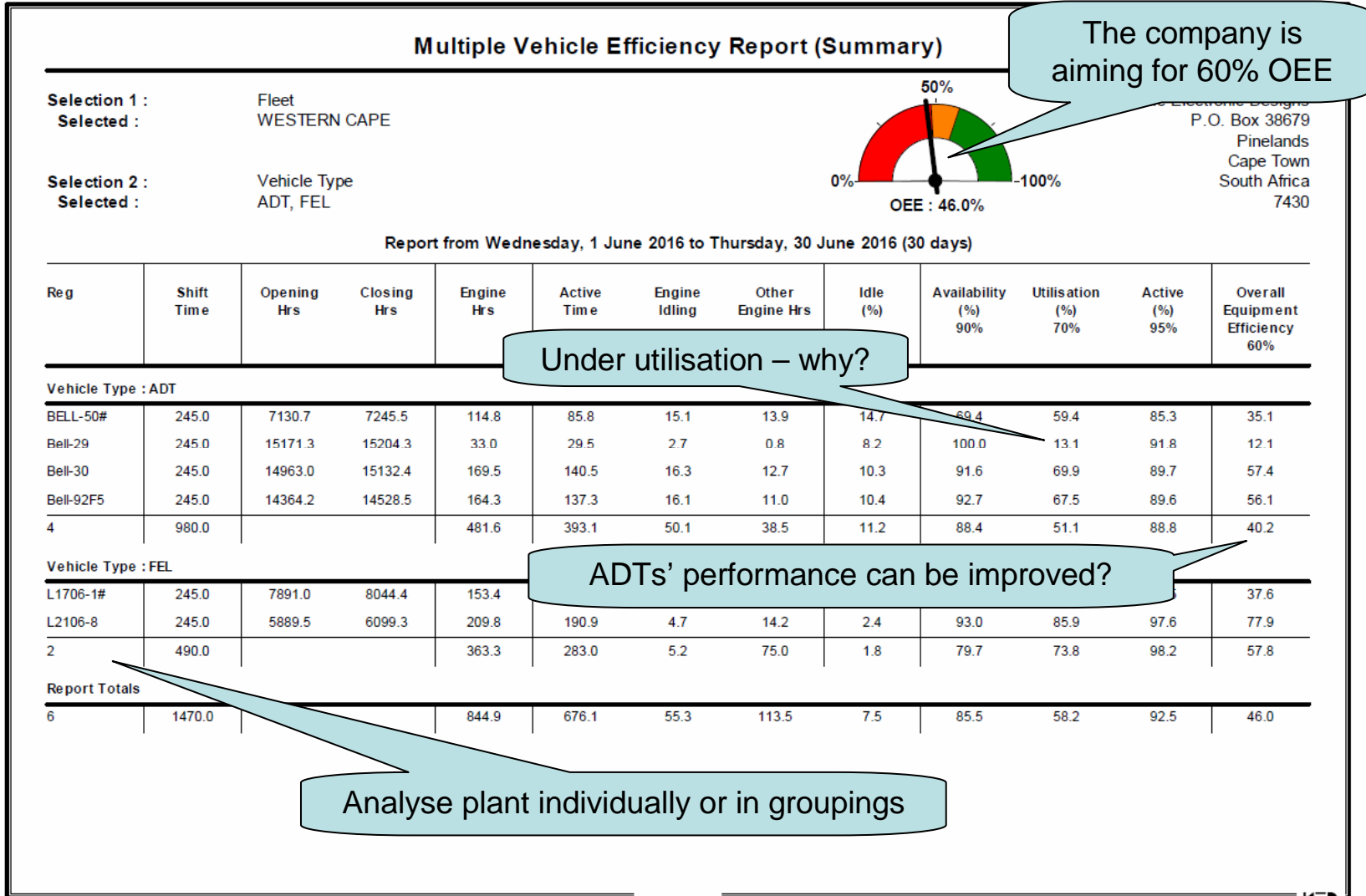
Annual Activity Levels – Daily totals at a glance



Progress Chart – Daily or Accumulated figures over a date range



Efficiency Report (Summary) – Detailed KPI analysis



Efficiency Report (Time Analysis)

Multiple Vehicle Efficiency Report (Time Analysis)

Selection 1 : Fleet
Selected : WC

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Pinelands
Cape Town
South Africa
7430

Flexible vehicle selection

Selection 2 : Vehicle Type
Selected : ADT, FEL

Report from Wednesday, 1 June 2016 to Thursday, 30 June 2016 (30 days)

Reg	Shift Time	FM	Adjusted Shift Time	Operating	Prestart	RF	MM	Other Production Stoppages	Production Stoppages	SS	TF	BD	Maintenance Stoppages
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Vehicle Type : ADT

High unscheduled maintenance

BELL-50	245.0	0.00	245.0	100.1	11.33							69.87	75.00
Bell-29	245.0	0.00	245.0	32.2	1.80	0.00	0.00	211.02	212.82	0.00	0.00	0.00	0.00
Bell-30	245.0	0.00	245.0	156.8	9.73	1.75	0.00	56.15	67.63	0.00	0.00	20.62	20.62
Bell-92F5	245.0	0.00	245.0	153.3	9.17	5.58	0.00	59.08	73.83	1.23	7.82	8.78	17.83
4	980.0	0.00	980.0	442.4	32.03	20.28	0.00	371.05	423.37	1.23	12.95	99.27	113.45

Vehicle Type : FEL

L1706-1	245.0	0.00	245.0	92.6	7.18	2.42	0.00	60.68	70.28	0.00	5.90	76.23	82.13
L2106-8	245.0	0.00	245.0	195.6	7.33	6.00	0.00	18.78	32.12	0.28	0.00	16.97	17.25
2	490.0	0.00	490.0	288.2	14.52	8.42	0.00	79.47	102.40	0.28	5.90	93.20	99.38

Report Totals

6	1470.0	0.00	1470.0	730.6	46.55	28.70	0.00	450.52	525.77	1.52	18.85	192.47	212.83
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Category	Work Code	Description	Category	Work Code	Description
Production	Operating	Operating	Planned Stoppage	RF	Refuel
Planned Stoppage	MM	Management Instru	Planned Maintenance	SS	Scheduled Service
Unplanned Maintenance	TF	Tyre Failure	Unplanned Maintenance	BD	Breakdown
Force Majeure	FM	Adverse Weather/ Power Failure			

In general, work appears to start promptly



Efficiency Report (Graphical Time Analysis)

Multiple Vehicle Efficiency Report (Time Analysis)

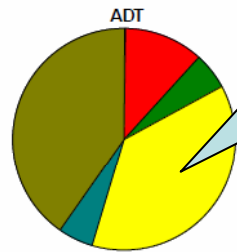
Selection 1 : Fleet
Selected : WC

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Selection 2 : Vehicle Type
Selected : ADT, FEL

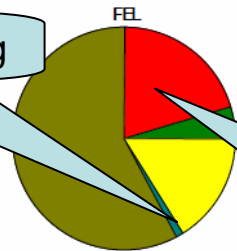
Report from Wednesday, 1 June 2016 to Thursday, 30 June 2016 (30 days)

Unplanned Stoppages need attention



Total Working Time Analysis		
	% 100%	Hours 980.00
Force Majeure	0.0	0.00
Planned Maintenance	0.1	1.23
Unplanned Maintenance	11.5	112.22
Planned Stoppage	5.3	52.32
Unplanned Stoppage	37.9	371.05
Production - Idle	5.1	50.12
Production - Active	40.1	393.07

Low rate of engine idling



Total Working Time Analysis		
	% 100%	Hours 490.00
Force Majeure	0.0	0.00
Planned Maintenance	0.1	0.28
Unplanned Maintenance	20.2	99.10
Planned Stoppage	4.7	22.93
Unplanned Stoppage	16.2	79.47
Production - Idle	1.1	5.20
Production - Active	57.8	283.02

Proportionally high unplanned maintenance

Key Performance Indicators

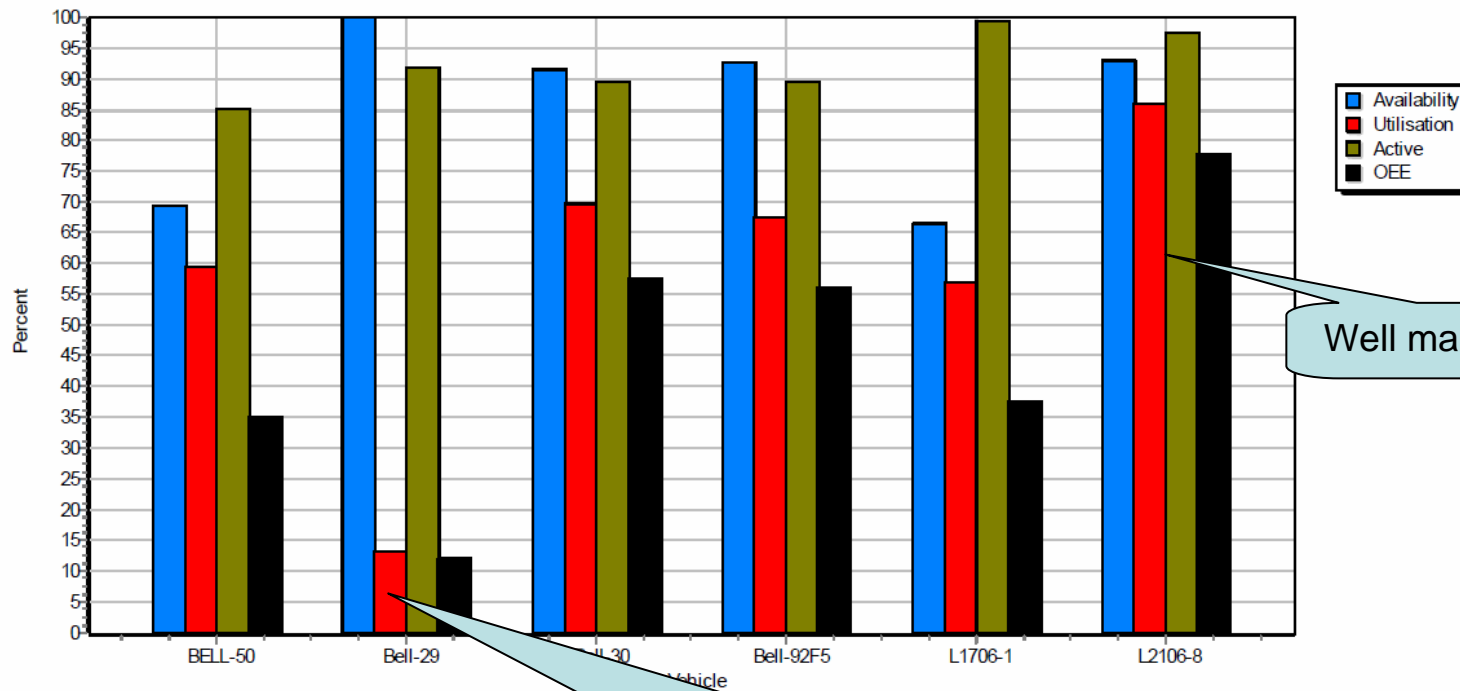
Multiple Vehicle Efficiency Report (Efficiencies)

Selection 1 : Fleet
Selected : WC

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Selection 2 : Vehicle Type
Selected : ADT, FEL

Report from Wednesday, 1 June 2016 to Thursday, 30 June 2016 (30 days)



Well managed

Should this plant be redeployed?

Predictive Maintenance Reporting

MULTIPLE VEHICLE SERVICING REPORT (SUMMARY)
=====

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Pinelands
Cape Town
South Africa
7405

Selected by : Vehicle Type
Selected : F/E LOADER

Make sure that a workshop visit is scheduled

Report on Sunday, 18 October 2015
(Based on Engine Activity since 1 August 2015)

Registration Number	Service Type	Service Date	Hour Meter at Service	Prediction Information			Warnings (less than 60 days)
				Accuracy	Rate (hrs/day)	Days	
CA 322-856	A	14 December 2015	4835.7	91%	4.3	76	57 days
CA 392-373	A	18 November 2015	15834.4	100%	3.7	78	31 days
CA 399-907	B	22 October 2015	5582.4	82%	1.8	73	3 days
CA 416-624	A	10 October 2015	9583.5	87%	2.1	77	*** OVERDUE! (8 days) ***
CA 483-392	C	15 November 2015	1284.6	44%	3.3	74	28 days
CA 511-157	D	2 December 2015	7664.5	96%	5.2	77	45 days
CA 528-735	A	5 November 2015	250.0	86%	2.8	77	18 days
CA 575-429	B	29 October 2015	3822.9	92%	1.7	76	11 days
CA 621-334	A	27 November 2015	3744.8	84%	0.7	74	40 days
CA 653-768	D	14 October 2015	19284.6	93%	0.9	77	*** OVERDUE! (4 days) ***

Know the expected type of service

Get this plant in for servicing before it breaks down!

A wide range of single-/multi-vehicle detail/summary reports

Multiple Vehicle Period Summary Report (Standard)											
Kinetic Electronic Designs, P.O. Box 38679, Pinelands, Cape Town, South Africa, 7430											
Selection	: Fleet										
Selected	: WESTERN CAPE										
Report from Monday, 29 August 2016 to Friday, 2 September 2016 (5 days)											
Registration Number	Shift Time	Shift Work	OverTime Work	Total Work	Shift Standby	Total Standby	Shift % Used	Total % Used	Shift HrMeter	OverTime HrMeter	Total HrMeter
29 August 2016, Monday											
7 vehicle/s	73:30	58:36	05:37	64:13	14:54	103:47			61:21	06:10	67:31
Averages:	10:30	08:22	00:48	09:10	02:07	14:49	79	38	08:45	00:52	09:38
30 August 2016, Tuesday											
7 vehicle/s	73:30	56:52	07:26	64:18	16:38	103:42			61:02	07:53	68:55
Averages:	10:30	08:07	01:03	09:11	02:22	14:48	77	38	08:43	01:07	09:50
31 August 2016, Wednesday											
7 vehicle/s	73:30	65:03	07:41	72:44	08:27	95:16			67:25	08:13	75:38
Averages:	10:30	09:17	01:05	10:23	01:12	13:36	88	43	09:37	01:10	10:48
01 September 2016, Thursday											
7 vehicle/s	73:30	58:37	06:45	65:22	14:53	102:38			60:23	06:59	67:22
Averages:	10:30	08:22	00:57	09:20	02:07	14:39	79	38	08:37	00:59	09:37
02 September 2016, Friday											
7 vehicle/s	56:00	32:42	00:21	33:03	23:18	134:57			35:20	00:30	35:50
Averages:	08:00	04:40	00:03	04:43	03:19	19:16	58	19	05:02	00:04	05:07
35 veh-day/s											
Report Totals :									285:31	29:45	315:16
Report Averages :	10:00	07:46	00:47	08:33	02:14	15:26	77	35	08:09	00:51	09:00

Vehicle Log Book for record keeping and reporting


Automatic and manual entry of a range of items

Vehicle Log Book for "BELL-83"

VDD Reg No Changes VDD Location Changes VDD Fleet Changes Set Hour Meter

Fuel Fillings Services Hirings Operators Projects General Notes Downloads AR Battery Warnings AR Memory Overflows

Date	Time	Litres	R / Litre	Comment
2016-08-02	15:20	111.0	11.32	
2016-08-15	15:21	121.0	11.32	
2016-08-16	15:21	129.0	11.32	
2016-08-19	18:14	122.0	11.32	
2016-08-22	18:14	127.0	11.32	
2016-08-24	18:15	106.0	11.32	
2016-08-26	18:15	100.0	11.32	



Date: 2016-08-26 Time: 18:15 Hour meter:

Litres: R / Litre: Location:



Bowser at start: Bowser at end: Bowser ID:

Responsible person: Operator:

Comments:

Accept Abort

Bulk New Edit Delete Help

Registration: BELL-83  

Create Report Close

In-depth record-keeping

Easy reporting on vehicle history