

# CONCAT SYSTEMS

## MANAGEMENT REPORTING



Data at your fingertips when needed

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# MANAGEMENT REPORTING

CONCAT Systems Reporting environment aim to inform managers about different aspects of the business, to assist you to make better-informed decisions.

Data are collected from various departments of your company which tracks key performance indicators (KPIs) and through our reporting system presents it in an understandable way.

CONCAT systems helps customers to understand historical data analysis and convert that with analytics into accurate forecast and predictions to manage budgets and procurement peaks.



# TYPES OF RECOMMENDATIONS AND REPORTS



- PREDICTIONS AND SUGGESTIONS FOR EQUIPMENT MAINTENANCE AND REPAIRS TO REDUCE DOWNTIME



- IDENTIFYING BOTTLENECKS IN WORKFLOW TO INCREASE EFFICIENCY



- COMPARE BRANDS/SUPPLIERS BY IDENTIFYING THE BEST PERFORMERS FOR YOUR OPERATION



- REDUCING COSTS BY IDENTIFYING AND ELIMINATING UNNECESSARY EXPENSES



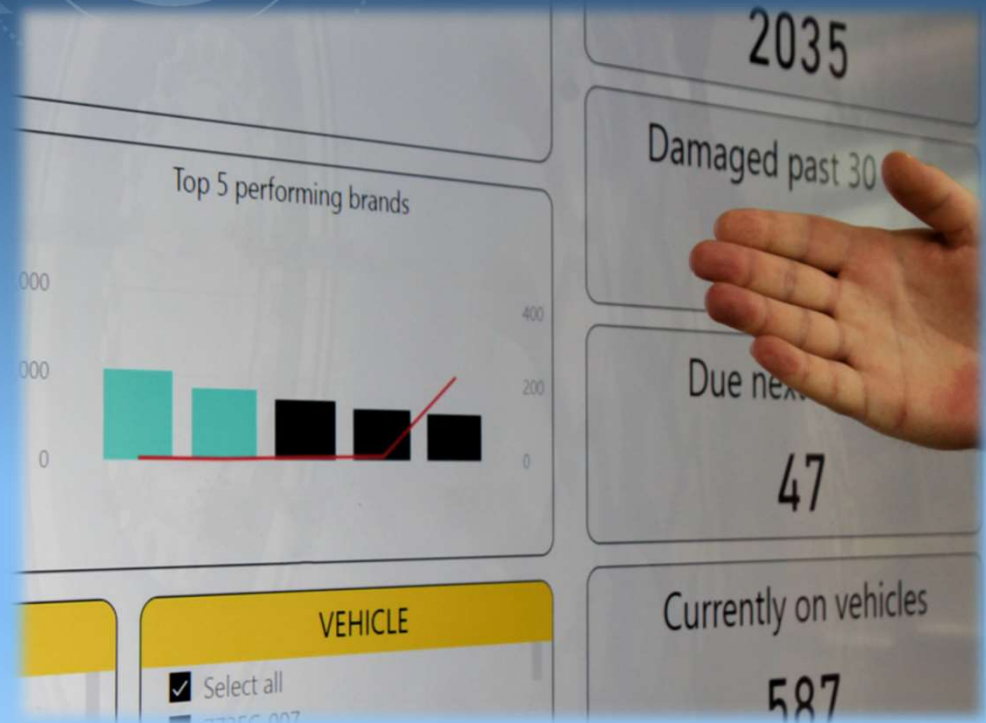
- IMPROVING SAFETY COMPLIANCE BY IDENTIFYING AND ADDRESSING POTENTIAL HAZARDS



- IMPROVING PERFORMANCE BY PROVIDING INSIGHTS INTO THE BUSINESS OPERATIONS AND FINANCE



- ACCURATE TIMELY DATA TO IMPROVE MANAGEMENT AND DECISION-MAKING



# TYPES OF REPORTS FROM CONCAT SYSTEMS

## SQL REPORT SERVICES

- On Demand and Scheduled reporting according to the needs of the end-user.
- Custom made reports according to end user needs.

## POWER-BI

- Import your data from a wide range of data sources.
- Access your data anytime from anywhere as many times as you want.
- Interactive drilling of analysis in one dashboard.
- Automatic reporting and scheduling.

## TYPES OF REPORTS FROM CONCAT SYSTEMS

### **PC AND MOBILE FRIENDLY DASHBOARDS**

Full functionality will provide data at your fingertips when needed.

### **R-STATISTICAL ANALYTICS COMPUTING AND GRAPHICS**

Our team are using this robust tool to model and calculate data and re-work it to show trends and forecasts that can be used for accurate budgets and cash management for your company.

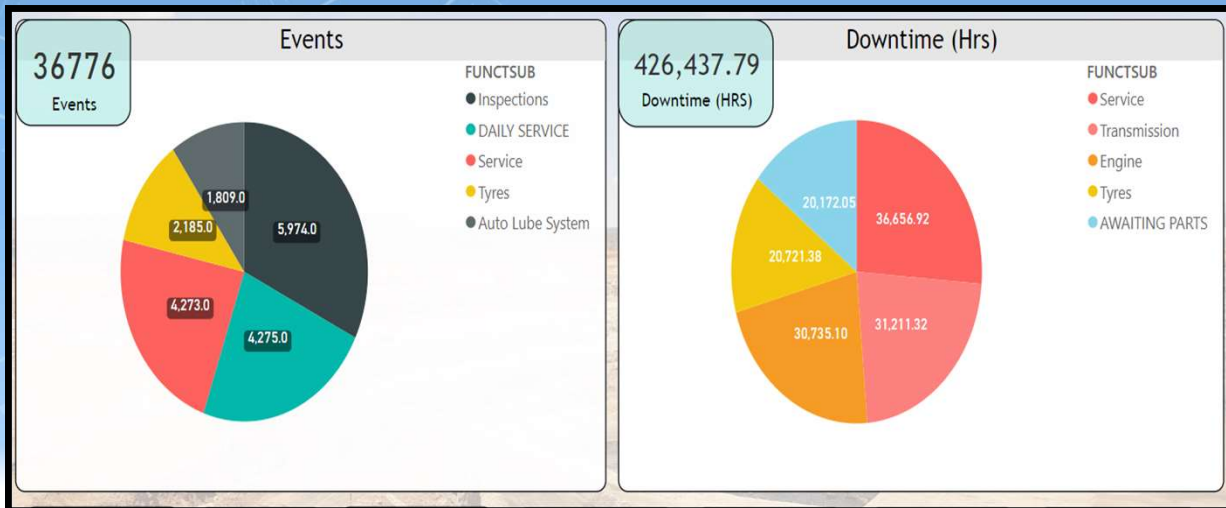
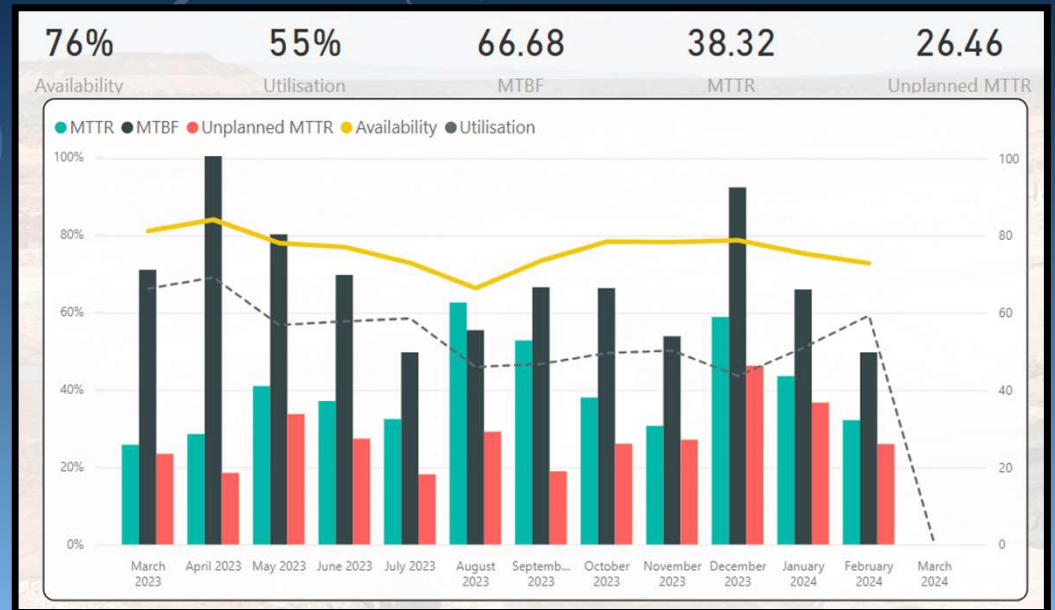
CONCAT SYSTEMS



# REPORT EXAMPLES

POWERBI

## ASSET MANAGEMENT



## TOP 5 DELAYS

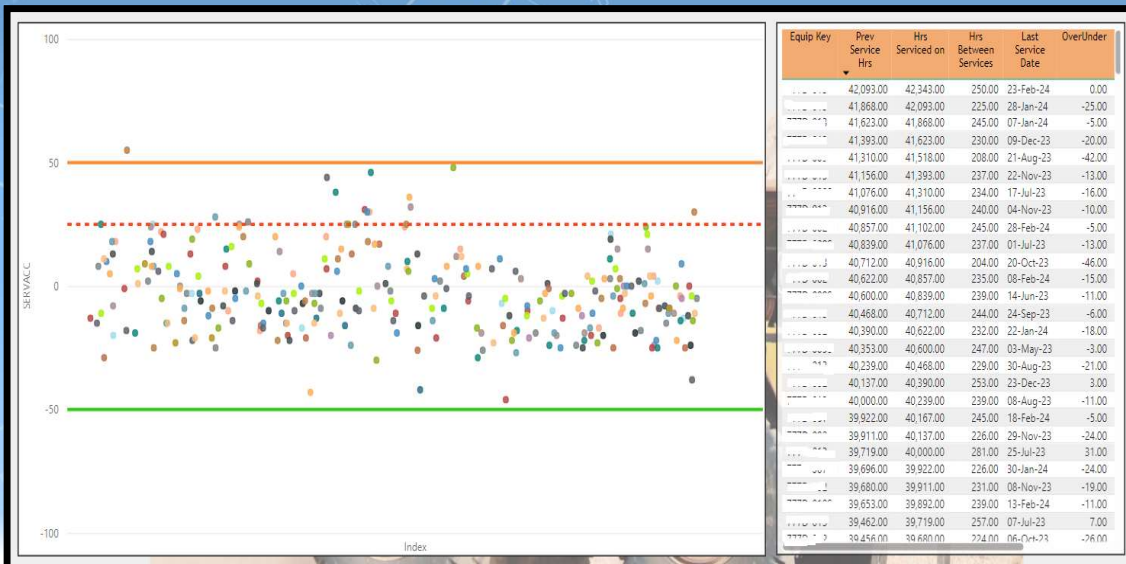


# REPORT EXAMPLES

POWERBI

## SERVICE HISTORY

Year	2023												2024				Total	
	PLANTTYPE	January	February	March	April	May	June	July	August	September	October	November	December	Total	January	February		March
RDT	16	79	84	94	91	98	101	83	53	71	65	52	887	52	56	3	111	998
250	3	6	13	14	14	10	16	9	8	7	6	11	117	5	7		12	129
2000	2	12	14	10	13	10	14	10	5	8	11	6	115	6	8		14	129
500	2	9	11	14	12	9	13	13	7	8	8	4	110	11	7		18	128
1750	2	14	8	14	9	14	13	11	4	7	13	8	117	7	3	1	11	128
1000	1	8	11	8	13	13	11	9	12	7	8	5	106	7	9	1	17	123
750		10	7	13	12	14	8	16	6	9	6	6	107	6	8		14	121
1250	3	10	11	8	10	15	13	5	7	12	6	7	107	3	10	1	14	121
1500	3	10	9	13	8	13	13	10	4	13	7	5	108	7	4		11	119
ADT	8	35	36	39	35	30	42	31	23	25	27	25	356	20	25		45	401
1250	2	2	4	3	3	4	3	2	1	2	4	1	31	3	2		5	36
1000	1	2	5	2	5		4	3	1	4	2	3	32	1	2		3	35
2000	1	2	4	3	3	3	5	2	2	3		2	30	3	2		5	35
1750		3	3	4	2	3	5	1	2	2		5	30	3	1		4	34



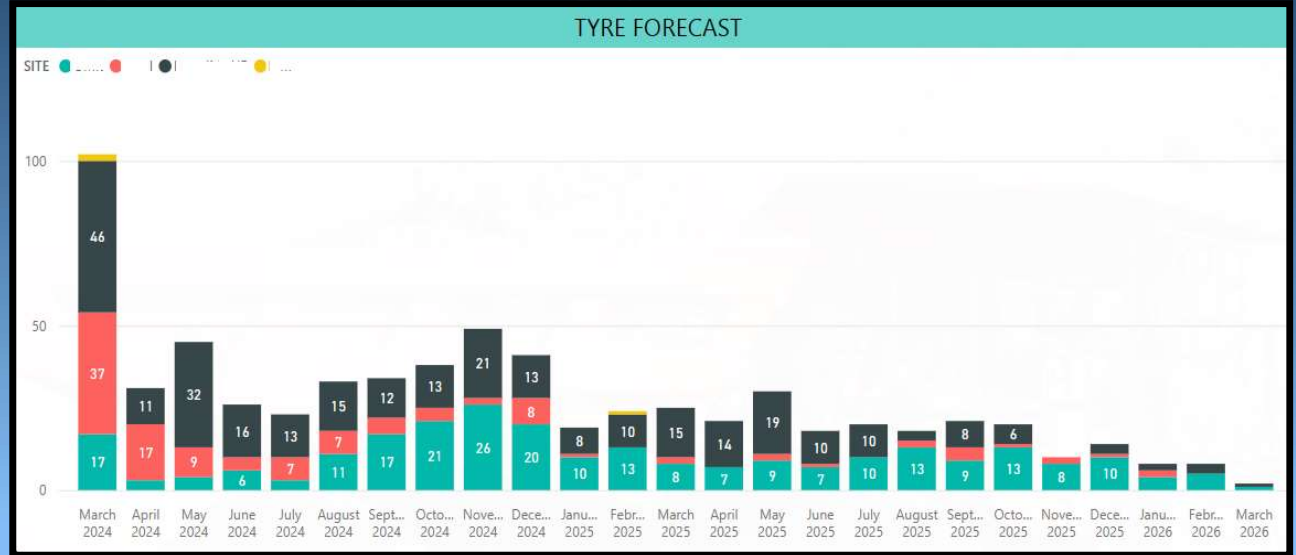
## SERVICE ACCURACY



# REPORT EXAMPLES POWERBI

## TYRE MANAGEMENT REPORTS AVAILABLE

- TYRE FORECAST
- BRAND COMPARISON
- SCRAP ANALYSIS
- COSTING ANALYSIS



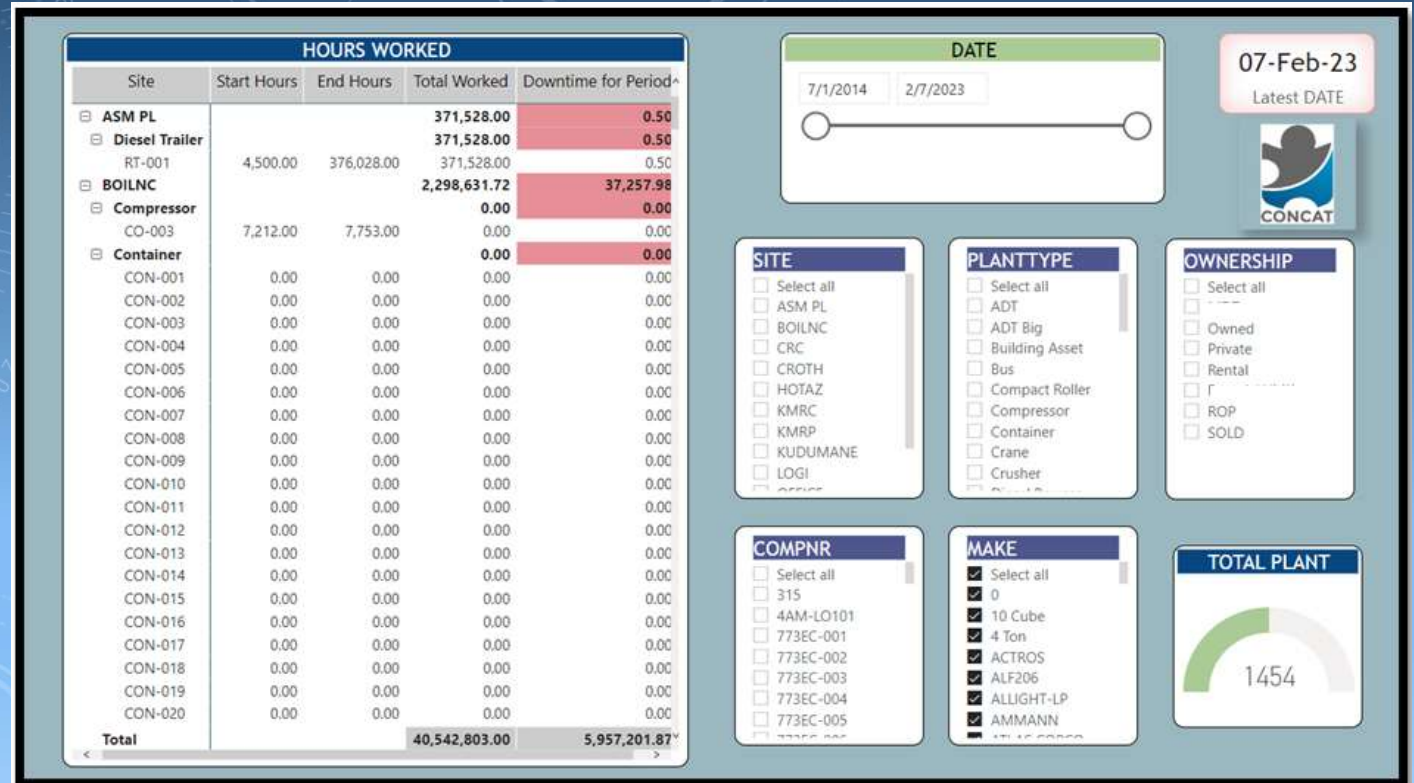
Description	Size	Tyre wear %	Tyre Hours	Latest Survey Date	Historic al scrap %	Veh Avg daily hrs	Avg wear rate (hr / %)	Forecast Date
L-5	35/65R33	48%	5,179.30	29-Feb-24	70%	5.00	80.9	February 2025
L-5	35/65R33	69%	9,868.20	29-Feb-24	70%	5.00	80.9	March 2024
L-5	35/65R33	70%	9,868.20	29-Feb-24	70%	5.00	80.9	March 2024
2-A	29.5R25	14%	1,346.40	14-Feb-24	75%	7.94	48.8	March 2025
2-A	29.5R25	20%	1,346.40	14-Feb-24	75%	7.94	48.8	February 2025
E-3	29.5R25	19%	708.40	14-Feb-24	77%	7.94	56.1	April 2025
E-3	29.5R25	69%	7,911.50	14-Feb-24	77%	7.94	56.1	May 2024



# REPORT EXAMPLES

POWERBI

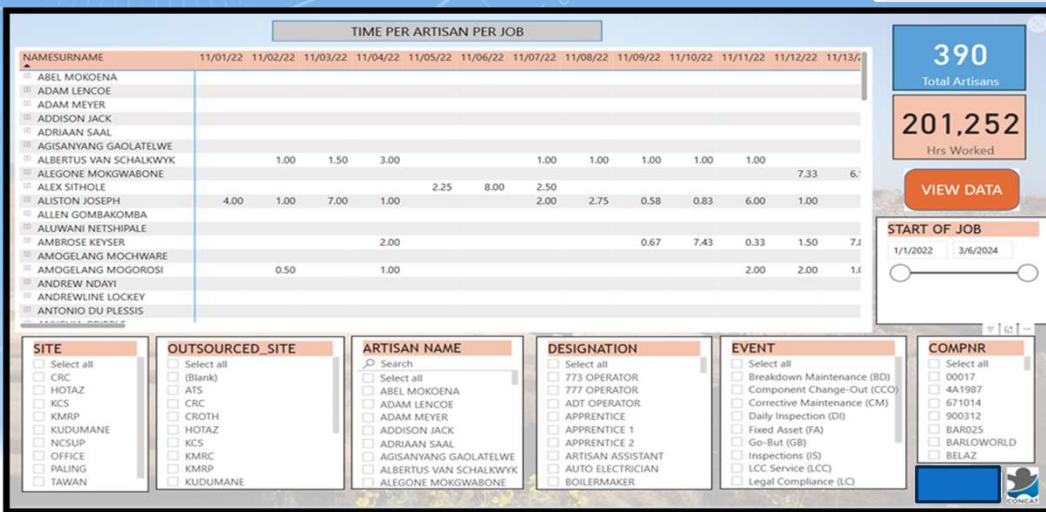
## HOURS WORKED PER DAY



# REPORT EXAMPLES

POWERBI

## JOB CARD DASHBOARD



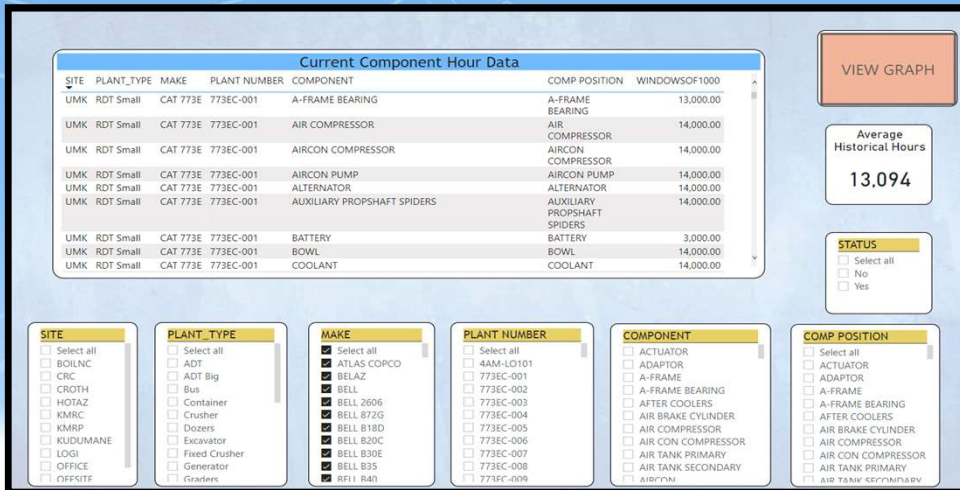
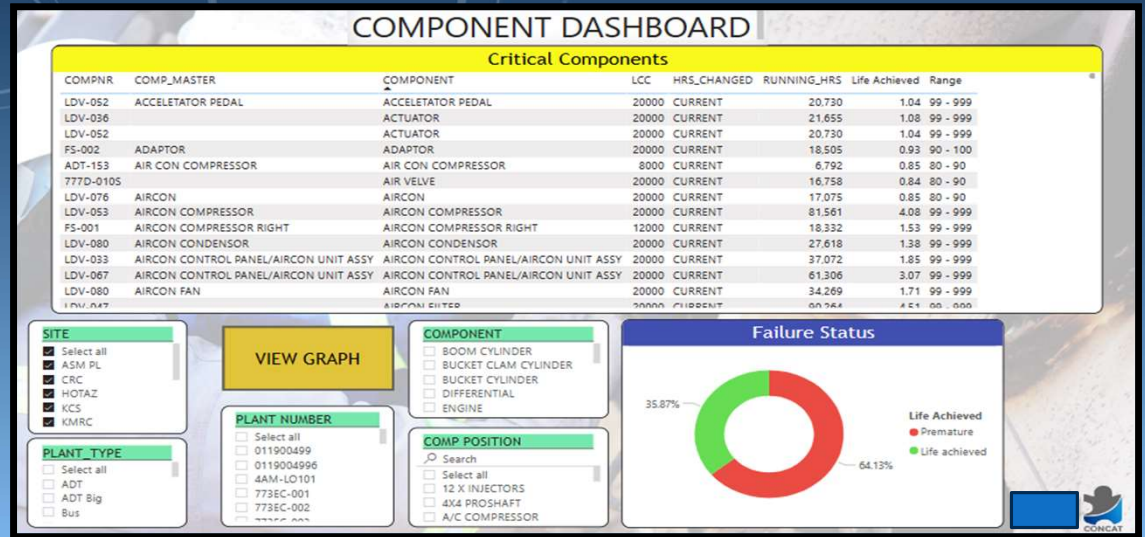
## ARTISAN PRODUCTIVITY



# REPORT EXAMPLES POWERBI

## COMPONENT REPORTS AVAILABLE

- SUPPLIER PERFORMANCE ANALYSIS
- COMPONENT FORECAST
- COMPONENT DASHBOARD
- CURRENT COMPONENT HOURS





# REPORT EXAMPLES

SSRS

## OVERDUE AND DUE SERVICES

Site	Plant Type	Company Number	Serial Number	Last Date Serviced	Last Hours/Kms. Serviced	Next Service Hrs/Kms	Current Hrs/Kms	Hours/Kms. Left	Est. Days To Service	Est. Date To Service	Owner	Next Service Interval
	TMM-LDV	LDV14		2023-08-26	189817.5	204818	209218	-4,401	0	2024-04-03		25000
	TMM - ELB CRUSHER	TP320		2024-02-21	750	1000	996	-4	0	2024-04-03		250
	TMM-TLB	TLB12		2023-08-17	1787	2037	2014	-23	1	2024-04-04		2000
	TMM-ADT	ADT30		2024-03-07	16438	16938	16881	-57	3	2024-04-06		500
	TMM-TRUCK	TPT23		2024-03-13	4500	4750	4677	-73	4	2024-04-07		250
	TMM - GRADER	GR39		2024-02-18	1110	1610	1516	-94	6	2024-04-09		2000
	TMM-TRUCK	TPT22		2024-03-13	5250	5500	5399	-101	6	2024-04-09		250
	TMM-FRONT END LOADER	FEL25		2024-02-09	7048	7548	7436	-112	7	2024-04-10		500
	TMM- ELB STACKER	ELBSTACKER		2024-03-13	2467	2717	2583	-134	8	2024-04-11		250
	TMM - GRADER	GR42		2024-01-11	4058	4558	4398	-160	9	2024-04-12		1500
	TMM-DOZER	A213		2024-02-20	5571	6071	5908	-163	10	2024-04-13		500
	TMM-FRONT END LOADER	FEL26		2024-02-09	5875	6375	6198	-177	10	2024-04-13		500
	TS-TRUCK	NS318		NEW	NEW	442931	527441	-84,510	0	2024-04-03		40000
	TS-TRUCK	NS1407		NEW	NEW	92733	162808	-70,075	0	2024-04-03		40000
	TS-TRUCK	NS409		NEW	NEW	429083	484999	-55,916	0	2024-04-03		40000
	TS-TRUCK	NS412		NEW	NEW	406083	453339	-47,256	0	2024-04-03		40000
	TS-TRUCK	NS414		NEW	NEW	400530	444550	-44,520	0	2024-04-03		40000
	TS-TRUCK	NS406		NEW	NEW	374593	410850	-36,257	0	2024-04-03		40000
	TS-TRUCK	NS410		NEW	NEW	410488	445511	-34,023	0	2024-04-03		40000
	TS-TRUCK	NS413		NEW	NEW	385713	406313	-20,500	0	2024-04-03		40000
	TS-TRUCK	NS411		NEW	NEW	425282	444065	-18,783	0	2024-04-03		40000
	TS-TRUCK	NS405		NEW	NEW	383928	402341	-18,913	0	2024-04-03		40000
	TS-TRUCK	NS1406		NEW	NEW	95250	112861	-17,611	0	2024-04-03		40000

### Current Long-Term Breakdowns Combined more than 10 days



Site	Machine	Description	Sub System	Days Down	ETA	Actions
<b>ADT</b>						
	ADT-169	Middle axle brake seals by-pass (Awaiting spares)	Injectors	40	2024-04-10	02-04 Bell removed the injectors and sent for testing
	ADT-158	Transmission failure STW Bell	Transmission	17	2024-04-26	Machine loaded to Bell on 25-03-24 03-04 Machine at BELL kuruman for transmission replacement
<b>ADT Big</b>						
	B60-011	Brake oil bypass to rear diff-STW Bell	Brake System	62	2024-04-08	Machine sent to Bell for repairs 18/03/2024-Bell waiting for seals from overseas 02-04 BELL waiting for road transportation permit 04/04/2024-Upon loading bell picked up noise on the final drive,busy with repairs
<b>Crusher</b>						
	MC-005	Main conveyer motor bypassing internally.	CONVEYOR BELT	18	2024-04-05	Fault finding and repairs.
<b>Diesel Bowser</b>						
	ADB-004	Engine failure	Engine	43	2024-04-30	No engine available. Req submitted for new engine 04/03/2024 -Procurement still sourcing new engine.05/03/2024-Machine moved to CRC for engine replacement. Awaiting ETA from CRC
<b>Dozers</b>						
	D10T-005	Engine failure STW BWE	AWAITING PARTS	116	2024-04-30	12-03 Engine failure STW BWE Awaiting engine.Awaiting parts- cylinder head
<b>Excavator</b>						
	EX-072	Main hydraulic pump failure	TBC	136	2024-04-19	Send for complete Hydraulic system flush to Bloemfontein 11/12/2023-Machine at Bloemfontein BWE
<b>LDV</b>						
	LDV-053	4x4 repair at Toyota	TBC	72	2024-04-05	No Comment Yet
<b>RDT</b>						
	777D-0095	Transmission clutches worn out (Awaiting parts)	AWAITING PARTS	16	2024-04-15	transmission ,pumps and coolers to removed.25/03/2024 Awaiting transmission and other transmission parts.

## LONG TERM BREAKDOWNS



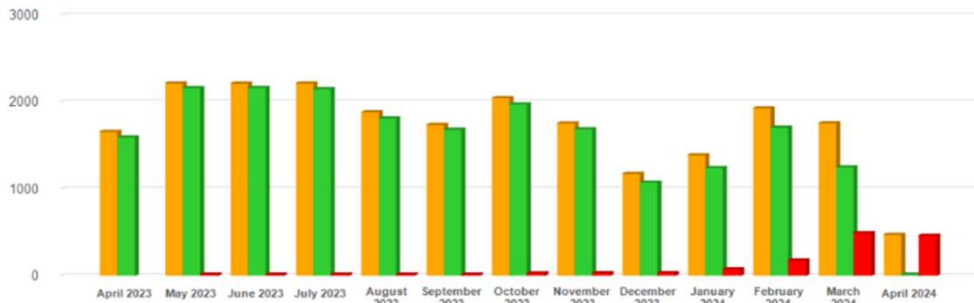
# REPORT EXAMPLES

SSRS

## AVAILABILITY & UTILISATION

AVAILABILITY & UTILISATION															
PRODUCTION MONTH: Sep-23															
	Sep 15, 2023			MTD Progressive			Week 1			Week 2			Week 3		
From:				01-Sep			01-Sep			03-Sep			10-Sep		
To:				15-Sep			02-Sep			09-Sep			15-Sep		
Haul	Availability	Utilisation	Avg Hrs	Availability	Utilisation	Avg Hrs	Availability	Utilisation	Avg Hrs	Availability	Utilisation	Avg Hrs	Availability	Utilisation	Avg Hrs
ADT	96%	29%	13.38	99%	49%	11.6	99%	32%	7.63	99%	54%	12.86	99%	48%	11.50
<i>Rental</i>	100%	33%	15.60	100%	58%	13.9	98%	39%	9.30	100%	62%	14.80	100%	60%	14.31
<b>VOLVO A40</b>	100%	42%	20.00	100%	59%	14.3	100%	42%	10.00	100%	61%	14.64	100%	63%	15.07
CGM.A23	100%	42%	20.00	100%	58%	13.8	100%	42%	10.00	100%	58%	14.00	100%	61%	14.71
CGM.A24	100%	42%	20.00	100%	61%	14.7	100%	42%	10.00	100%	64%	15.29	100%	64%	15.43
<b>VOLVO A40G</b>	100%	26%	12.67	100%	57%	13.7	97%	38%	8.83	100%	62%	14.90	100%	58%	13.81
CGM.A20	100%	0%	0.00	99%	53%	12.5	91%	32%	7.00	100%	60%	14.43	100%	51%	12.14
CGM.A21	100%	42%	20.00	100%	59%	14.1	100%	42%	10.00	100%	63%	15.14	100%	59%	14.14
CGM.A22	100%	38%	18.00	100%	60%	14.4	100%	40%	9.50	100%	63%	15.14	100%	63%	15.14
<i>Owned</i>	90%	22%	9.67	98%	33%	7.8	100%	20%	4.83	98%	41%	9.62	97%	29%	6.81
<b>VOLVO A45G</b>	70%	0%	0.00	95%	21%	4.8	100%	13%	3.00	97%	43%	10.00	91%	0%	0.00
CGM.A10	70%	0%	0.00	95%	21%	4.8	100%	13%	3.00	97%	43%	10.00	91%	0%	0.00
<b>VOLVO A40G</b>	100%	30%	14.50	100%	39%	9.3	100%	24%	5.75	99%	40%	9.43	100%	43%	10.21
CGM.A08	100%	27%	13.00	100%	36%	8.7	100%	23%	5.50	100%	36%	8.57	100%	40%	9.71
CGM.A09	100%	33%	16.00	99%	42%	9.9	100%	25%	6.00	98%	44%	10.29	100%	45%	10.71

Routine Jobcard Report



## ROUTINE JOBCARD REPORT

	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024
<b>Issued</b>	1656	2212	2210	2211	1880	1735	2043	1752	1171	1387	1926	1753	471
<b>Returned</b>	1591	2160	2163	2147	1811	1680	1971	1686	1070	1236	1703	1247	12
<b>Outstanding</b>	0	1	1	13	9	7	25	28	28	73	175	489	459
<b>Cancelled</b>	85	51	46	51	60	48	47	38	73	76	48	17	0
<b>Total % for month</b>	100.0%	100.0%	100.0%	99.4%	99.5%	99.6%	98.8%	98.4%	97.6%	94.7%	90.9%	72.1%	2.5%

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