



South Deep



GOLD FIELDS



Discussion Points



- **Minimize the need for reports.**
- **Design Queries to not impact system performance.**

- Go To Applications
- My Recent Applications
- Administration
- Analytics
- Assets
- Building Information Models
- Change
- Contracts
- Financial
- Integration
- Inventory
- IT Infrastructure
- Planning
- Preventive Maintenance
- Purchasing
- Release
- Security
- Self Service
- Service Desk
- Service Level
- System Configuration
- Task Management
- Work Orders

New Actions Operational

- New Service Request
- New Asset
- New Failure Code
- New Location
- New Meter
- New Work Order
- New Work Order (via Quick Reporting)

New Users, Groups and Persons

- New Person
- New User
- New Labor
- New Group
- New Person Group

Work Flow

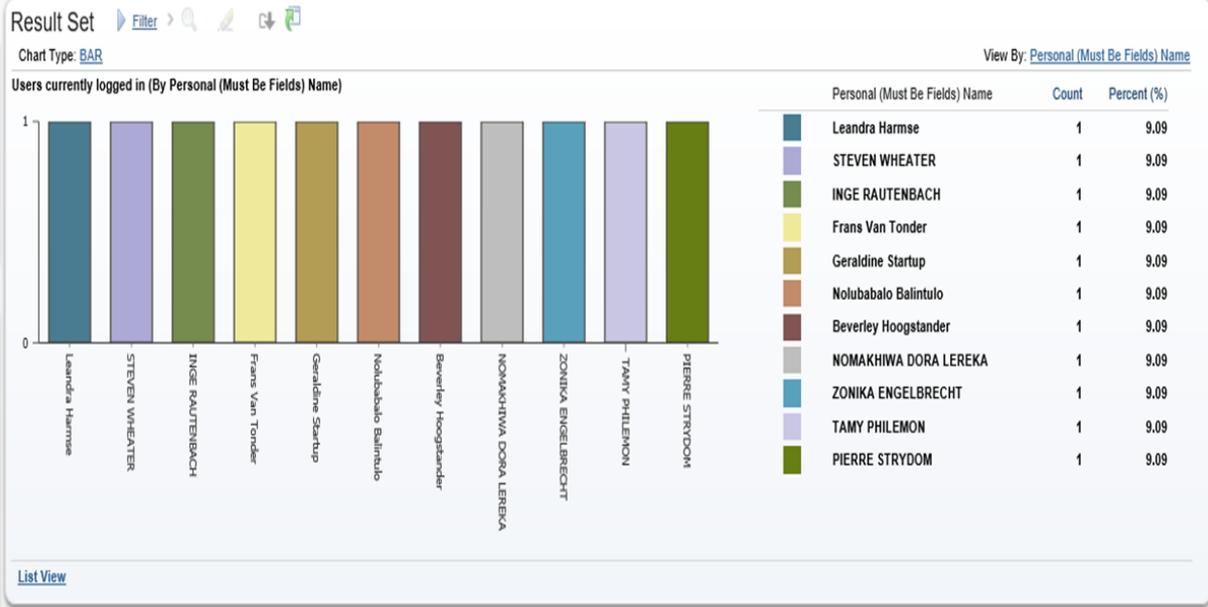
- Domains
- Activities and Tasks
- Assets
- Change Password
- Conditional Expression Manager
- Application Designer
- Meters
- Daily Meter Readings

Bulletin Board

There are currently no bulletin board messages to view.

Inbox / Assignments

No Assignments found for Frans Van Tonder



Control Rooms



- 0. South Deep Administration
- 1. South Shaft Control room
- 2. TS-95L 1W CONTROL ROOM
- 3. TS-95L 2W CONTROL ROOM
- 4. TS- 95L 3W CONTROL ROOM
- 5. NEW MINE DEVELOPMENT
- 6. South Shaft Trm3 Data Capturers
- 7. SOUTH SHAFT PLANNER
- 8. 95L 1W PLANNING
- 9. 95L 2W PLANNING
- 9.1. 95L 3W PLANNING
- 9.2. NMD PLANNING
- 9.3. TM3 TWINS SHAFTS FIXED PI

Quick reporting of breakdowns

SS - BREAKDOWNS TM3

Bulletin Board Filter >

There are currently no bulletin board messages to view.

SS-SCHEDULED SERVICES

Work Order	Asset	Target Start	Scheduled Start	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Changed By
1055236	D 56506	2017/10/23 12:00 AM		Quarterly Service Sheet D 56506	PM	WSCH			GF-SD-S\$-HOR-90L-SEC	Z7517356	Z7517356
1056289	UL3269	2017/10/24 7:00 AM		Weekly Electrical Service Sheet - Scaisor Lift UL3269	PM	WSCH			GF-SD-S\$-HOR-90L-SEC	Z7517356	Z7517356
1055947	UL3363	2017/10/24 7:00 AM		Weekly Electrical Service Sheet - Scaisor Lift UL3363	PM	WSCH			GF-SD-S\$-HOR-90L-SEC	Z7517356	Z7517356
1055913	UL3363	2017/10/24 7:00 AM		Weekly Mechanical Service Sheet - Scaisor Lifts UL3363	PM	WSCH			GF-SD-S\$-HOR-90L-SEC	Z7517356	Z7517356
1060450	LH5550	2017/11/07 7:00 AM		Monthly Brake Wear Measurements LH5550	PM	WSCH			GF-SD-S\$-HOR-90L-43W-DE3	Z7517356	Z7517356
1061015	TA2614	2017/10/24 7:00 AM		Monthly Brake Wear Measurements TA2614	PM	WSCH			GF-SD-S\$-HOR-90L-43W-DE3	Z7517356	Z7517356
1064827	LH5774	2017/10/26 7:00 AM		Monthly Brake Wear Measurements LH5774	PM	WSCH			GF-SD-S\$-HOR-90L-LH3	Z7517356	Z7517356
1065430	LH5774	2017/10/26 7:00 AM		Quarterly Service Remote Loading HBC Remote Control LH5774	PM	WSCH			GF-SD-S\$-HOR-90L-LH3	Z7517356	Z7517356
1065594	LH5774	2017/10/26 7:00 AM		Quarterly Service Remote Loading RCT Control Panel LH5774	PM	WSCH			GF-SD-S\$-HOR-90L-LH3	Z7517356	Z7517356
1076510	UL3379	2017/10/26 7:00 AM		Weekly Electrical Service Sheet - Scaisor Lift UL3379	PM	WSCH			GF-SD-S\$-HOR-90L-MGA	Z7517356	Z7517356

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By
1420089	LH5774	fire suppression	BRE	INPRG	2017/11/09 8:33 PM		GF-SD-S\$-HOR-90L-LH3	Z7410515
1420115	D 56283	front left boom centre/air broken	BRE	INPRG	2017/11/09 11:43 PM		GF-SD-S\$-HOR-90L-MGA	Z4350377
1420121	TA2027	turbo clamp and hose broken (Flex hose - 5500 0048 70, Clamp - 5535 0505 00, Pipe - 5530 0006 23)	BRE	INPRG	2017/11/10 5:15 AM		GF-SD-S\$-HOR-90L-MGA	Z5746153
1420122	TA2250	FIRE SUPPRESSION	BRE	INPRG	2017/11/10 5:14 AM		GF-SD-S\$-HOR-90L-MGA	M0052388
1420099	D46557	NO FIRST GEAR SELECTION	BRE	INPRG	2017/11/09 10:02 PM		GF-SD-S\$-HOR-90L-SEC	Z4102961
1268469	UL3379	NOT STARTING (AWAITING SPARE\$)	BRE	INPRG	2017/10/23 12:35 PM		GF-SD-S\$-HOR-90L-01W-DE3	Z5501019
1420097	LH5683	NOT STARTING	BRE	INPRG	2017/11/09 9:44 PM		GF-SD-S\$-HOR-90L-01W-DE3	Z1888252
1420123	AL1277	NOT SELECTING GEARS	BRE	INPRG	2017/11/10 5:30 AM		GF-SD-S\$-HOR-90L-01W-DE3	Z5746153
1420110	LH5550	HYDRAULIC OIL & NOT RELEASING THE BRAKES	BRE	INPRG	2017/11/10 1:29 AM		GF-SD-S\$-HOR-90L-03W-DE3	A0850795
1300044	D 56506	ROLL-OVER BOLTS CAME OFF(LOCKED OUT DUE TO MISS SERVICE)	BRE	INPRG	2017/11/06 10:20 PM		GF-SD-S\$-HOR-90L-SEC	W2401823
1300020	UL3269	PARK BRAKE OUT OF ORDER (AXLE REPLACEMENT IN PROGRESS)	BRE	INPRG	2017/11/07 8:27 PM		GF-SD-S\$-HOR-90L-SEC	Z3787070
1300034	LH5640	BUCKET BOOM OUT OF ORDER	BRE	OP\$ DELAY	2017/11/07 11:43 PM		GF-SD-S\$-HOR-90L-MGA	A3787328
1555552	D 97296	DAMAGED DUE TO FALL OF GROUND	BRE	WMATL	2017/11/01 2:30 PM		GF-SD-S\$-HOR-90L-LH3	P9378425
1420106	D 96776	OIL LOOP TANK BUMPED BY TA2623 (DAMAGED)	BRE	WMATL	2017/11/09 10:32 PM		GF-SD-S\$-HOR-90L-MGA	Z7492470

SS-SCHEDULED SERVICES "IN PROGRESS"

No Data Found.

SS-BRE-AWAITING SPARES/MATERIAL

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Breakdown
1555552	D 97296	DAMAGED DUE TO FALL OF GROUND	BRE	WMATL	2017/11/01 2:30 PM		GF-SD-S\$-HOR-90L-LH3	P9378425	
1420106	D 96776	OIL LOOP TANK BUMPED BY TA2623 (DAMAGED)	BRE	WMATL	2017/11/09 10:32 PM		GF-SD-S\$-HOR-90L-MGA	Z7492470	1816

SS-Rotable Job cards "In Progress"

Work Order	Asset	Description	Work Type	Actual Start	Actual Finish	Reported By	Location	Status	Changed By
1055531	UL3159	Change front axle	ROT	2017/10/18 6:44 AM		Z7517356	GF-SD-S\$-HOR-90L-01W-DE3	INPRG	Z7517356
1055579	UL3159	Change rear axle	ROT	2017/10/18 6:52 AM		Z7517356	GF-SD-S\$-HOR-90L-01W-DE3	INPRG	Z7517356
1110244	TA2023	Change engine	ROT	2017/10/18 3:20 PM		Z7517356	GF-SD-S\$-HOR-90L-MGA	INPRG	Z7517356
1221414	LH5761	Change Rear Axle	ROT	2017/10/25 10:59 AM		Z7517356	GF-SD-S\$-HOR-90L-MGA	INPRG	Z7517356
1222096	LH5761	Change Front axle	ROT	2017/10/25 1:12 PM		Z7517356	GF-SD-S\$-HOR-90L-MGA	INPRG	Z7517356
1231706	LH5766	Change Bucket	ROT	2017/10/26 10:50 AM		Z7517356	GF-SD-S\$-HOR-90L-LH3	INPRG	Z7517356
1307101	D46557	Change LH drifter	ROT	2017/11/01 9:21 AM		Z7517356	GF-SD-S\$-HOR-90L-SEC	INPRG	Z7517356
1400100	UL3259	Change front Axle serial number :ITA-757767	ROT	2017/11/09 6:36 AM		Z7517356	GF-SD-S\$-HOR-90L-SEC	INPRG	Z6146545
1400603	UL3259	Change Rear Axle serial number :ITA-757771	ROT	2017/11/09 6:37 AM		Z7517356	GF-SD-S\$-HOR-90L-SEC	INPRG	Z6146545
450104	LH5683	Change torque converter	ROT	2017/03/01 12:14 PM		Z7517356	GF-SD-S\$-HOR-90L-01W-DE3	INPRG	Z7517356

SS-COMPLETED BREAKDOWNS

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By
1226540	UL3382	HYDRAULIC TANK DAMAGED	BRE	COMP	2017/10/25 11:08 PM	2017/11/05 12:36 PM	GF-SD-S\$-HOR-90L-SEC	Z7495923
1240049	TA2027	ENGINE REPLACEMENT IN PROGRESS	BRE	COMP	2017/10/26 5:09 PM	2017/11/10 5:12 AM	GF-SD-S\$-HOR-90L-MGA	Z5746153
1272248	L 82007	hydraulic oil leak	BRE	COMP	2017/10/30 8:12 AM	2017/11/05 10:17 AM	GF-SD-S\$-HOR-90L-01W-DE3	Z7465654
1291570	AL1277	REMOVED AND REPLACED ENGINE(AWAITING COMMISSIONING)	BRE	COMP	2017/10/01 10:30 AM	2017/11/10 8:26 AM	GF-SD-S\$-HOR-90L-01W-DE3	M0074229
1306920	AL1142	Engine Sump Damaged (UV0080003 - Oscillation Pin : 102-M16-15 - Bolts : 128-M16 - Nuts)	BRE	COMP	2017/11/03 1:15 AM	2017/11/05 12:17 AM	GF-SD-S\$-HOR-90L-MGA	Z7421972
1359804	UJ8237R	HOOPER OUT OF ORDER	BRE	COMP	2017/11/03 8:02 AM	2017/11/04 11:53 AM	GF-SD-S\$-HOR-90L-01W-DE3	Z1700274
1361989	LH5761	INTOLERANT PROP SHAFT DAMAGED(no propshaft w/ground)	BRE	COMP	2017/11/03 9:04 AM	2017/11/07 1:40 PM	GF-SD-S\$-HOR-90L-MGA	Z1700274
1366538	LH5683	HYDRAULIC OIL LEAK UNDERNEATH MACHINE(BLOCKING 1819 ROADWAY	BRE	COMP	2017/11/03 10:40 AM	2017/11/04 1:03 AM	GF-SD-S\$-HOR-90L-01W-DE3	Z8006346
1372403	AL1142	NOT STARTING(SUMP & PROP # BROKEN DAMAGE)	BRE	COMP	2017/11/03 9:15 AM	2017/11/05 8:31 AM	GF-SD-S\$-HOR-90L-MGA	Z5746303
1372450	TA2676	hydraulic oil leak	BRE	COMP	2017/11/03 5:40 PM	2017/11/04 1:21 AM	GF-SD-S\$-HOR-90L-MGA	K1721434

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Rotable Job cards "In Progress" [Filter](#) >

Work Order	Asset	Description	Reported By	Work Type	Status	Actual Start	Actual Finish	Location	Changed By
1085531	UL3139	Change frant axle	Z7517356	ROT	INPRG	2017/10/18 6:44 AM		GF-SD-SS-HOR-90L-01W-DES	Z7517356
1085579	UL3139	Change rear axle	Z7517356	ROT	INPRG	2017/10/18 6:52 AM		GF-SD-SS-HOR-90L-01W-DES	Z7517356
1110244	TA2623	Change engine	Z7517356	ROT	INPRG	2017/10/18 3:20 PM		GF-SD-SS-HOR-87L-MGA	Z7517356
1221414	LH5761	Change Rear Axle	Z7517356	ROT	INPRG	2017/10/25 10:59 AM		GF-SD-SS-HOR-87L-MGA	Z7517356
1222096	LH5761	Change :Front axle	Z7517356	ROT	INPRG	2017/10/25 1:12 PM		GF-SD-SS-HOR-87L-MGA	Z7517356
1231706	LH5766	Change Bucket	Z7517356	ROT	INPRG	2017/10/26 10:50 AM		GF-SD-SS-HOR-87L-LHS	Z7517356
1307101	DA6557	Change LH drifter	Z7517356	ROT	INPRG	2017/11/01 9:21 AM		GF-SD-SS-HOR-87L-SEC	Z7517356
1408100	UL3259	Change front Axle serial number :ITA-757767	Z7517356	ROT	INPRG	2017/11/09 6:36 AM		GF-SD-SS-HOR-90L-SEC	Z6146545
1408663	UL3259	Change Rear Axle serial number :ITA-757771	Z7517356	ROT	INPRG	2017/11/09 6:37 AM		GF-SD-SS-HOR-90L-SEC	Z6146545
458104	LH5683	Change torque convertor	Z7517356	ROT	INPRG	2017/09/01 12:14 PM		GF-SD-SS-HOR-90L-01W-DES	Z7517356

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SS-COMPLETED/CLOSED ROTABLE WORK ORDERS [Filter](#) >

Work Order	Asset	Description	Work Type	Status	Reported By	Actual Start	Actual Finish	Location	Changed By
213181	LH5635	PLANNED REPLACEMENT (REBUILD) : Bucket to be replaced, completely worn. Old serial no.: TBC New serial no.: TBC Eng. hrs ? Transmission hrs ? Component hrs ? *** 5-why & change out forms were submitted ***	ROT	COMP	A3874588	2017/08/10 7:00 AM	2017/08/18 7:00 AM	GF-SD-SS-HOR-87L-LHS	A3874588
2963	DS6776	Changed rear axle hrs done 2487,9	ROT	COMP	Z7517356	2017/07/14 4:26 AM	2017/07/27 7:00 PM	GF-SD-SS-HOR-87L-MGA	Z2266576
520148	LH5761	Change torque converter	ROT	COMP	Z7517356	2017/09/07 2:11 PM	2017/10/11 1:49 PM	GF-SD-SS-HOR-87L-MGA	Z7492963

[Set Chart Options](#) 1 - 3 of 3



SS-SCHEDULED SERVICES "AWAITING TO BE SCHEDULED"



Work Order	Asset	Description	Scheduled Start	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Changed By
1013749	SS-87L-SERV-BL-NES-13	Weekly Boiler Maker NES Inspection - SS-87L-SERV-BL-NES-13		PM	WSCH			GF-SD-SS-HOR-87L-RBE	Z7417327	Z7417327
1013759	SS-87L-SERV-BL-NES-13	Weekly Fitter NES Inspection - SS-87L-SERV-BL-NES-13		PM	WSCH			GF-SD-SS-HOR-87L-RBE	Z7417327	Z7417327
1013883	SS-90L-SERV-BL-NES-15	Weekly Boiler Maker NES Inspection - SS-90L-SERV-BL-NES-15		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1013920	SS-90L-SERV-BL-NES-15	Weekly Electrical NES Inspection - SS-90L-SERV-BL-NES-15		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1013950	SS-90L-SERV-BL-NES-16	Weekly Boiler Maker NES Inspection - SS-90L-SERV-BL-NES-16		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1013987	SS-90L-SERV-BL-NES-16	Weekly Electrical NES Inspection - SS-90L-SERV-BL-NES-16		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1014017	SS-90L-SERV-BL-NES-17	Weekly Boiler Maker NES Inspection - SS-90L-SERV-BL-NES-17		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1014054	SS-90L-SERV-BL-NES-17	Weekly Electrical NES Inspection - SS-90L-SERV-BL-NES-17		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1014084	SS-90L-SERV-BL-NES-18	Weekly Boiler Maker NES Inspection - SS-90L-SERV-BL-NES-18		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327
1014121	SS-90L-SERV-BL-NES-18	Weekly Electrical NES Inspection - SS-90L-SERV-BL-NES-18		PM	WSCH			GF-SD-SS-HOR-90L-RBE	Z7417327	Z7417327

Set Chart Options

SS-SCHEDULED SERVICES "IN PROGRESS"



Work Order	Asset	Scheduled Start	Description	Actual Start	Actual Finish	Work Type	Status	Reported By	Changed By
1142823	AL1142		Weekly Mechanical Service Sheet - Boart Longyear Explosive car AL1142	2017/11/10 8:30 AM		PM	INPRG	Z7517356	Z1700274
1151730	DS6283		Mechanical Service Sheet DS6283	2017/11/10 10:00 AM		PM	INPRG	Z7517356	Z1700274
1154481	LB5794		Weekly Electrical Service - Bobcat LB5794	2017/11/12 7:21 AM		PM	INPRG	Z7395426	Z7492563
1166954	UJ8237R		Weekly Mechanical Service UJ8237R	2017/11/11 7:30 AM		PM	INPRG	Z7517356	Z7492644

Set Chart Options

SS- DAILY "COMPLETED" SERVICES TO BE CLOSED



Work Order	Asset	Scheduled Start	Description	Actual Start	Actual Finish	Work Type	Status	Location	Reported By	Changed By
1054871	DS5686		Monthly Mechanical and Electrical Service Sheet	2017/10/23 7:15 AM	2017/10/23 2:53 PM	PM	COMP	GF-SD-SS-HOR-90L-SEC	Z7517356	Z1700274
1056512	UL3259		Weekly Mechanical Service Sheet - Scissor Lifts UL3259	2017/10/24 8:00 AM	2017/10/24 1:30 PM	PM	COMP	GF-SD-SS-HOR-90L-SEC	Z7517356	Z1700274
1060920	TA2614		Weekly Mechanical Service Sheet TA2614	2017/10/24 8:33 AM	2017/10/24 1:50 PM	PM	COMP	GF-SD-SS-HOR-90L-03W-DES	Z7517356	Z1700274
1159738	LH5766		Weekly Mechanical and Electrical Service Sheet	2017/11/08 10:07 AM	2017/11/08 3:17 PM	PM	COMP	GF-SD-SS-HOR-87L-LHS	Z7517356	Z1700274
1163740	LS2307		Mechanical and Electrical Service Sheet	2017/11/04 9:37 AM	2017/11/05 4:30 PM	PM	COMP	GF-SD-SS-HOR-90L-01W-DES	P3313400	B6211270
1193337	TA2623		Weekly Mechanical Service Sheet TA2623	2017/11/10 8:15 AM	2017/11/11 4:12 AM	PM	COMP	GF-SD-SS-HOR-87L-MGA	Z7517356	A3787328
1278332	DA6557		Mechanical Service Sheet DA6557	2017/11/01 8:20 AM	2017/11/01 1:15 PM	PM	COMP	GF-SD-SS-HOR-87L-SEC	Z7500631	Z7517356
862302	DS6359		Mechanical Service Sheet DS6359	2017/10/12 8:00 AM	2017/10/12 1:24 PM	PM	COMP	GF-SD-SS-HOR-90L-03W-DES	Z5441111	Z7492563
863274	BD1189		Weekly Mechanical Service Sheet - Karock Pedestal Breaker BD1189	2017/10/14 8:38 AM	2017/10/14 12:25 PM	PM	COMP	GF-SD-SS-HOR-90L-INF-FXP	Z7434765	Z7492563

Set Chart Options

Data Capturer



Bulletin Board Filter

There are currently no bulletin board messages to view.

SS- SERVICE WORK ORDERS *AWAITING TO BE PRINTED

Work Order	Asset	Description	Work Type	Status	Target Start	Location
1176777	AL1383	Axle Oil Sampling AL1383	ANA	WTEP	2017/11/29 7:00 AM	GF-SD-SS-HOR-90L-03W-DES
1176792	AL1383	Engine Oil Sampling AL1383	ANA	WTEP	2017/11/29 7:00 AM	GF-SD-SS-HOR-90L-03W-DES
1176808	AL1383	Hydraulic Oil Sampling AL1383	ANA	WTEP	2017/11/29 7:00 AM	GF-SD-SS-HOR-90L-03W-DES
1176824	AL1383	Transmission Oil Sampling AL1383	ANA	WTEP	2017/11/29 7:00 AM	GF-SD-SS-HOR-90L-03W-DES
1178455	D56776	Kidney Loop Operation D56776	ANA	WTEP	2017/11/21 7:00 AM	GF-SD-SS-HOR-87L-MGA
1179180	EL1261	Axle Oil Sampling EL1261	ANA	WTEP	2017/11/21 7:00 AM	GF-SD-SS-HOR-87L-MGA
1179195	EL1261	Engine Oil Sampling EL1261	ANA	WTEP	2017/11/21 7:00 AM	GF-SD-SS-HOR-87L-MGA
1180487	UL3259	Engine Oil Sampling UL3259	ANA	WTEP	2017/11/21 7:00 AM	GF-SD-SS-HOR-90L-SEC
1180519	UL3259	Transmission Oil Sampling UL3259	ANA	WTEP	2017/11/21 7:00 AM	GF-SD-SS-HOR-90L-SEC
1185215	UL3144	Axle Oil Sampling UL3144	ANA	WTEP	2017/11/21 7:00 AM	GF-SD-SS-HOR-87L-SEC

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SS- DAILY "COMPLETED" SERVICES TO BE CLOSED

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Changed By
1054871	D55686	Monthly Mechanical and Electrical Service Sheet	PM	COMP	2017/10/23 7:15 AM	2017/10/23 2:53 PM	GF-SD-SS-HOR-90L-SEC	Z7517356	Z1700274
1056512	UL3259	Weekly Mechanical Service Sheet - Scissor Lifts UL3259	PM	COMP	2017/10/24 8:00 AM	2017/10/24 1:30 PM	GF-SD-SS-HOR-90L-SEC	Z7517356	Z1700274
1060920	TA2614	Weekly Mechanical Service Sheet TA2614	PM	COMP	2017/10/24 8:33 AM	2017/10/24 1:50 PM	GF-SD-SS-HOR-90L-03W-DES	Z7517356	Z1700274
1159738	LH5766	Weekly Mechanical and Electrical Service Sheet	PM	COMP	2017/11/08 10:07 AM	2017/11/08 3:17 PM	GF-SD-SS-HOR-87L-LHS	Z7517356	Z1700274
1163740	LS2207	Mechanical and Electrical Service Sheet	PM	COMP	2017/11/04 9:37 AM	2017/11/05 4:30 PM	GF-SD-SS-HOR-90L-01W-DES	P3313400	Z5211220
1193337	TA2623	Weekly Mechanical Service Sheet TA2623	PM	COMP	2017/11/10 8:15 AM	2017/11/11 4:12 AM	GF-SD-SS-HOR-87L-MGA	Z7517356	A3787328
1278332	DA6557	Mechanical Service Sheet DA6557	PM	COMP	2017/11/01 8:20 AM	2017/11/01 1:15 PM	GF-SD-SS-HOR-87L-SEC	Z7500631	Z7517356
862302	D56359	Mechanical Service Sheet D56359	PM	COMP	2017/10/12 8:00 AM	2017/10/12 1:24 PM	GF-SD-SS-HOR-90L-03W-DES	Z5441111	Z7482563
863274	BD1189	Weekly Mechanical Service Sheet - Karook Pedestal Breaker BD1189	PM	COMP	2017/10/14 8:38 AM	2017/10/14 12:25 PM	GF-SD-SS-HOR-90L-INF-FXP	Z7434765	Z7482563

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Rotable Job cards "In Progress"

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Changed By
1005531	UL3139	Change front axle	ROT	INPRG	2017/10/18 6:44 AM		GF-SD-SS-HOR-90L-01W-DES	Z7517356	Z7517356
1005579	UL3139	Change rear axle	ROT	INPRG	2017/10/18 6:52 AM		GF-SD-SS-HOR-90L-01W-DES	Z7517356	Z7517356
1110244	TA2623	Change engine	ROT	INPRG	2017/10/18 3:20 PM		GF-SD-SS-HOR-87L-MGA	Z7517356	Z7517356
1221414	LH5761	Change Rear Axle	ROT	INPRG	2017/10/25 10:59 AM		GF-SD-SS-HOR-87L-MGA	Z7517356	Z7517356
1222096	LH5761	Change Front axle	ROT	INPRG	2017/10/25 1:12 PM		GF-SD-SS-HOR-87L-MGA	Z7517356	Z7517356
1231706	LH5766	Change Bucket	ROT	INPRG	2017/10/26 10:50 AM		GF-SD-SS-HOR-87L-LHS	Z7517356	Z7517356
1307101	DA6557	Change LH drifter	ROT	INPRG	2017/11/01 9:21 AM		GF-SD-SS-HOR-87L-SEC	Z7517356	Z7517356
1408100	UL3259	Change front Axle serial number :ITA-757767	ROT	INPRG	2017/11/09 6:36 AM		GF-SD-SS-HOR-90L-SEC	Z7517356	Z6146545
1408663	UL3259	Change Rear Axle serial number :ITA-757771	ROT	INPRG	2017/11/09 6:37 AM		GF-SD-SS-HOR-90L-SEC	Z7517356	Z6146545
458104	LH5683	Change torque convertor	ROT	INPRG	2017/09/01 12:14 PM		GF-SD-SS-HOR-90L-01W-DES	Z7517356	Z7517356

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Daily Meter Readings SS

Asset	Description	Location	Type	Asset Category	Status	Changed By
AL1142	Charmec, Boart Longyear, K2	GF-SD-SS-HOR-87L-MGA	CHARMEC	CAT2	ACTIVE	Z7517356
AL1210	Charmec, Boart Longyear, UV 80	GF-SD-SS-HOR-87L-MGA	CHARMEC	CAT2	ACTIVE	Z7517356
AL1277	Charmec, Boart Longyear, UV 80	GF-SD-SS-HOR-90L-01W-DES	CHARMEC	CAT2	ACTIVE	Z7517356
AL1383	Charmec, Boart Longyear, UV 80	GF-SD-SS-HOR-90L-03W-DES	CHARMEC	CAT2	ACTIVE	Z7517356
BD1187	Impact Breaker, JDS Karook, MKS	GF-SD-SS-HOR-87L-INF-FXP	IMPACT BREAKER	CAT2	ACTIVE	Z7517356
BD1189	Impact Breaker, JDS Karook, MKS	GF-SD-SS-HOR-90L-INF-FXP	IMPACT BREAKER	CAT2	ACTIVE	Z7517356
DA6557	HP Drill Rig, Atlas Copco, 282	GF-SD-SS-HOR-87L-SEC	HP DRILL RIG	CAT1	ACTIVE	Z5705663
D55686	LP Drill Rig, Sandvik, DD210	GF-SD-SS-HOR-90L-03W-DES	LP DRILL RIG	CAT1	ACTIVE	Z7513075
D56250	HP Drill Rig, Sandvik, DD321	GF-SD-SS-HOR-87L-SEC	HP DRILL RIG	CAT1	ACTIVE	Z5705663
D56283	HP Drill Rig, Sandvik, DD321	GF-SD-SS-HOR-87L-MGA	HP DRILL RIG	CAT1	ACTIVE	Z5705663
D56359	HP Drill Rig, Sandvik, DD321	GF-SD-SS-HOR-90L-03W-DES	HP DRILL RIG	CAT1	ACTIVE	Z5705663
D56752	HP Drill Rig, Sandvik, DD321-40	GF-SD-SS-HOR-90L-01W-DES	HP DRILL RIG	CAT1	ACTIVE	Z5705663
D56776	HP Drill Rig, Sandvik, DD321-40	GF-SD-SS-HOR-87L-MGA	HP DRILL RIG	CAT1	ACTIVE	Z5705663
D57180	Atlas Copco STD Simba	GF-SD-SS-HOR-87L-LHS	LHS RIG	CAT1	ACTIVE	Z7517356
D57296	Atlas Copco STD Simba	GF-SD-SS-HOR-87L-LHS	LHS RIG	CAT1	ACTIVE	Z7517356
EL1261	Maint Vehicle, Aard, UV 80	GF-SD-SS-HOR-87L-MGA	MAINT VEHICLE	CAT2	ACTIVE	Z7513075
LB5180	Bobcat (Bucket / Broom / Forklift Attachments), Bobcat, S550B	GF-SD-SS-HOR-87L-MGA	LOADER	CAT2	ACTIVE	Z7517356
LB5794	Bobcat (Bucket / Broom / Forklift Attachments), Bobcat, S550B	GF-SD-SS-HOR-90L-01W-DES	LOADER	CAT2	ACTIVE	Z7517356
LH5529	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-90L-03W-DES	HP LHD	CAT1	ACTIVE	Z7517356
LH5538	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-90L-03W-DES	HP LHD	CAT1	ACTIVE	Z5705663
LH5648	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-87L-MGA	HP LHD	CAT1	ACTIVE	Z5705663
LH5683	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-90L-01W-DES	HP LHD	CAT1	ACTIVE	Z5705663
LH5761	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-87L-MGA	HP LHD	CAT1	ACTIVE	Z5705663
LH5766	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-87L-LHS	HP LHD	CAT1	ACTIVE	Z5705663
LH5774	HP LHD, Sandvik, LH514	GF-SD-SS-HOR-87L-LHS	HP LHD	CAT1	ACTIVE	Z5705663
LS2307	LHD 208L	GF-SD-SS-HOR-87L-MGA	LP LHD	CAT1	ACTIVE	Z7517356
LS2312	LHD 208L	GF-SD-SS-HOR-90L-01W-DES	LP LHD	CAT1	ACTIVE	Z7517356
TA2027	DUMP TRUCK, Atlas Copco, MT2010	GF-SD-SS-HOR-87L-MGA	DUMP TRUCK	CAT1	ACTIVE	Z5705663
TA2250	DUMP TRUCK, Atlas Copco, MT2010	GF-SD-SS-HOR-87L-MGA	DUMP TRUCK	CAT1	ACTIVE	Z5705663
TA2614	DUMP TRUCK, Atlas Copco, MT2010	GF-SD-SS-HOR-90L-03W-DES	DUMP TRUCK	CAT1	ACTIVE	Z5705663
TA2623	DUMP TRUCK, Atlas Copco, MT2010	GF-SD-SS-HOR-87L-MGA	DUMP TRUCK	CAT1	ACTIVE	Z5705663
TA2676	DUMP TRUCK, Atlas Copco, MT2010	GF-SD-SS-HOR-87L-MGA	DUMP TRUCK	CAT1	ACTIVE	Z5705663
UL8227R	Scaler AARD	GF-SD-SS-HOR-90L-01W-DES	SCALER	CAT2	ACTIVE	Z7517356
UL9109	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-90L-03W-DES	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3139	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-90L-01W-DES	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3144	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-87L-SEC	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3259	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-90L-SEC	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3369	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-87L-SEC	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3378	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-90L-01W-DES	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3379	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-87L-MGA	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UL3382	Scissor Lift, Aard, UV 80	GF-SD-SS-HOR-87L-SEC	SCISSOR LIFT	CAT2	ACTIVE	Z7517356
UT4095	Toyota Land Cruiser	GF-SD-SS-HOR-90L-INF-FXP	LAND CRUISER	CAT2	ACTIVE	Z5705663
UT4496	Toyota Land Cruiser	GF-SD-SS-HOR-87L-MGA	LAND CRUISER	CAT2	ACTIVE	Z5705663
UT4574	Toyota Land Cruiser	GF-SD-SS-HOR-87L-MGA	LAND CRUISER	CAT2	ACTIVE	Z5705663
UT4609	Toyota Land Cruiser	GF-SD-SS-HOR-90L-01W-DES	LAND CRUISER	CAT2	ACTIVE	Z5705663

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Daily Machine Availability



SOUTH DEEP

DAILY REPORT

DAILY MACHINE AVAILABILITY

Report Date: 02/11/17 to 08/11/17

Printed Date: 09/11/17 05:18 AM

Machine No.	DOWNTIME HOURS					AVAILABILITY PERCENTAGES									Meeting Comments
	InShift Breakdown Day Shift	InShift Breakdown Night Shift	Total InShift Breakdown	Shift Services	Total InShift Downtime	08/11/17			Days Ago						
						Day Shift	Night Shift	AVERAGE	1 Day	2 Days	3 Days	4 Days	5 Days	6 Days	
95L 1 WEST - DESTRESS															
HP DRILL RIG															
DA6110	1,17	0	1,17	0	1,17	90%	100%	95%	93%	52%	91%	74%	70%	81%	
DA6434	0	5,21	5,21	0	5,21	100%	57%	78%	98%	51%	78%	49%	100%	61%	
DS6381	0	0	0	2,92	2,92	76%	100%	88%	100%	100%	96%	97%	73%	100%	
HP LHD															
LH5541	0,33	0	0,33	0	0,33	97%	100%	99%	71%	84%	96%	97%	79%	100%	
LH5635	0	0	0	0	0	100%	100%	100%	100%	89%	12%	64%	99%	100%	
DUMP TRUCK															
TA3035	0	0	0	0	0	100%	100%	100%	81%	100%	83%	87%	100%	98%	
TA3494	0	0	0	0	0	100%	100%	100%	96%	71%	69%	87%	100%	75%	
95L 1 WEST - MEGA															
HP DRILL RIG															
DA6208	3,9	0	3,9	0	3,9	68%	100%	84%	95%	68%	0%	48%	60%	49%	
DA6526	0	0	0	0	0	100%	100%	100%	100%	71%	81%	100%	75%	100%	
DS6162	0	0	0	0	0	100%	100%	100%	100%	92%	100%	74%	0%	29%	

24 Hour Breakdown Report



Trackless Equipment Breakdowns - Last 24 hours

Date and Time of Report 10 Nov 2017, 5:10 AM

Asset Class	Asset	Work #	Break Loc	Work Required	Work Performed	Status	Status Reason	Date Down	Time Down	Date Up	Time Up	Duration
95L 1 WEST - MEGA												
CAT1	DA6208R	1413794	Access 26	Hydraulic fitting leaking	Replaced feed cylinder	COMP		09/11	08:45	09/11	16:45	07h59m
CAT1	DA6526	1415874	Work shop	Water pump faulty	Replaced water pump	COMP		09/11	10:55	09/11	16:51	05h55m
CAT2	AL1400	1391575	1w w/s	oil pump faulty	Cleaned y-strainer	COMP		07/11	08:30	09/11	05:15	1d 20h44m
CAT2	EL1253	1428100	w/shop	Oscillation pin loose	Replaced pin	COMP		09/11	22:04	09/11	23:54	01h49m
CAT2	UL3405	1372477	MP4	engine cooling blower 0.0.0		INPRG		03/11	23:50			6d 05h20m
CAT2	UT4838	1356566	w/shop	Rear spring broken & clutch(replacing clutch)		OPS DELAY		02/11	12:53			7d 16h17m
95L 1 WEST - SECONDARY SUPPORT												
CAT1	DA6060	1411550	w/shop	Centralizer bolts loose	Tightened bolts	COMP		08/11	20:04	09/11	13:05	17h00m

0. South Deep Administration | 1. South Shaft Control room | 2. TS-95L 1W CONTROL ROOM | 3. TS-95L 2W CONTROL ROOM | 4. TS- 95L 3W CONTROL ROOM | 5. NEW MINE DEVELOPMENT | 6. South Shaft Trm3 Data Capturers | CONTRACTORS TWINS SHAFTS | DELTA HOURS EXCEEDING 12 | Fixed Plant Control Room

Quick Reporting of Breakdowns

[New Work Order \(Via Quick Reporting\)](#)

Bulletin Board

There are currently no bulletin board messages to view.

TS-95L2W SCHEDULED SERVICE "AWAIT TO BE SCHEDULED"

Work Order	Asset	Target Start	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Changed By
1053454	UL3206	20171020 7:00 AM	Weekly Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
1052963	UL3206	20171020 7:00 AM	Weekly Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
1245640	UL3206	20171020 7:00 AM	Weekly Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
1245714	UL3206	20171020 7:00 AM	Weekly Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
207570	UL3206	20170923 7:00 AM	Weekly Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
207892	UL3206	20170923 7:00 AM	Weekly Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
608724	UL3206	20170923 7:00 AM	Weekly Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
609093	UL3206	20170923 7:00 AM	Weekly Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
825795	UL3206	20171016 7:00 AM	Weekly Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-BKF	A3874580	Z7432653
1054023	D31956	20171020 7:00 AM	Weekly Mechanical and Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1054490	LH4800	20171020 7:00 AM	Monthly Brake Wear Measurements	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1053436	D36249	20171001 7:00 AM	Weekly Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1053450	D36249	20171001 7:00 AM	Mechanical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1065802	D36249	20171001 7:00 AM	Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1066002	T35324	20171001 7:00 AM	Weekly Mechanical and Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1066427	T35324	20171001 7:00 AM	Monthly Brake Wear Measurements	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1007916	LH4900	20171001 7:00 AM	Monthly Mechanical and Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1008200	T35329	20171001 7:00 AM	Weekly Mechanical and Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1003420	T35329	20171001 7:00 AM	Weekly Mechanical and Electrical Service Sheet	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653
1008532	T35329	20171001 7:00 AM	Monthly Brake Wear Measurements	PM	V/SCH			GF-8D-TS-HOR-95L-02VV-DE5	A3874580	Z7432653

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TS-95L 2W SCHEDULED SERVICES "IN PROGRESS"

No Data Found.

TS-95L 2W ROTABLE JOB CARDS "IN PROGRESS"

No Data Found.

[Back Start Center](#)

TS-95L 2W BREAKDOWNS

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Breakdown Location	Changed By
1475763	D36204	feed extension cylinder pin broken.	BRE	INPRG	20171013 9:29 AM		GF-8D-TS-HOR-95L-02VV-DE5	Z2009403	Cut 2 overheads	Z7432450
1502356	LH4917	front left tyre flat	BRE	INPRG	20171013 10:56 PM		GF-8D-TS-HOR-95L-02VV-DE5	Z7435620	wis	Z3024971
1502260	D36249	LEFT BOOM TRIPPING POWVER	BRE	INPRG	20171013 11:56 PM		GF-8D-TS-HOR-95L-02VV-DE5	Z0102700	SPIRAL	Z3024971
1454751	LH5764	Bucket fringe broken	BRE	INPRG	20171011 10:15 AM		GF-8D-TS-HOR-95L-02VV-LH5	Z0324050	Vworkshop	Z7459200
1502263	LH5706	ENGINE OIL LEAK	BRE	INPRG	20171014 12:21 AM		GF-8D-TS-HOR-95L-02VV-LH5	Z1000273	DVV-VIWIHOP	Z1700274
1475500	UL3077	BATTERY M18 BING(10379)	BRE	INPRG	20171013 9:12 AM		GF-8D-TS-HOR-95L-02VV-MGA	Z7307000	MP1	Z7451405
1502243	LH5700	turbo faulty	BRE	INPRG	20171013 9:22 PM		GF-8D-TS-HOR-95L-02VV-MGA	A2640365	De wis	Z3024971
1411546	D34230R	Engine faulty(Awaiting engine)	BRE	INPRG	20171003 4:25 PM		GF-8D-TS-HOR-95L-02VV-SEC	Z7513274	NKANDLA	Z7459200
1477377	B34216	Jaws & arms faulty	BRE	INPRG	20171013 9:59 AM		GF-8D-TS-HOR-95L-02VV-SEC	K1122764	NKANDLA	Z7451405
1455463	D36291	Engine not starting	BRE	OP3 DELAY	20171011 4:59 PM		GF-8D-TS-HOR-95L-02VV-DE5	Z4507576	Cut 3 Block A	Z3024971

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TS-95L 2W-BRE-AWAITING SPARES/MATERIAL

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Breakdown Location	Changed By
1476152	D31956	machine not starting (77719)	BRE	AWAIT SPARES	20171013 9:37 AM		GF-8D-TS-HOR-95L-02VV-DE5	Z7458014	workshop	Z7432450

[Set Chart Options](#) | 1 - 1 of 1

TS-95L 2W- BREAKDOWNS COMPLETED

Work Order	Asset	Description	Work Type	Status	Actual Start	Actual Finish	Location	Reported By	Breakdown Location	Changed By
1224517	UL3301	no engine oil cap	BRE	COMP	20171025 9:23 PM	20171026 11:15 AM	GF-8D-TS-HOR-95L-02VV-DE5	Z7458704	wpiace deatress	Z7459200
1224519	LH5743	no green and red light	BRE	COMP	20171025 9:30 PM	20171026 11:05 AM	GF-8D-TS-HOR-95L-02VV-MGA	Z2940020	wpiace mega	Z7459200
1224519	T33103	fan cover loose	BRE	COMP	20171025 9:33 PM	20171026 9:15 PM	GF-8D-TS-HOR-95L-02VV-MGA	Z7459000	wis	Z7441601
1224521	D36209	Engine cutting	BRE	COMP	20171025 9:39 PM	20171026 1:55 PM	GF-8D-TS-HOR-95L-02VV-DE5	Z3510004	wshop	Z7459200
1224523	D36249	right boom sling broken	BRE	COMP	20171025 9:49 PM	20171026 11:00 PM	GF-8D-TS-HOR-95L-02VV-DE5	K1002209	cd cd	Z7441601
1224525	LH5700	not starting engine(blocking@nkandla)	BRE	COMP	20171025 9:22 PM	20171026 11:07 PM	GF-8D-TS-HOR-95L-02VV-MGA	C1127381	nkandla	Z7441601
1224520	B34500	no boom movement	BRE	COMP	20171025 9:54 PM	20171026 10:40 AM	GF-8D-TS-HOR-95L-02VV-SEC	Z0780024	mp3	Z7459200
1224533	EL1254	BOOYCO SYSTEM 0.0.0	BRE	COMP	20171025 10:02 AM	20171026 12:23 AM	GF-8D-TS-HOR-95L-02VV-MGA	Z7490195	NKANDLA	Z7441601
1224534	D362291	RIGHT BOOM LIVER BROKEN	BRE	COMP	20171025 10:17 PM	20171026 12:46 AM	GF-8D-TS-HOR-95L-02VV-DE5	Z2609403	CUT 2	Z7441601
1224543	D36722	Right drifter leaking hydraulic oil	BRE	COMP	20171025 11:53 PM	20171026 9:50 AM	GF-8D-TS-HOR-95L-02VV-MGA	Z7433550	mp0	Z7459200

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TS-95L 2W BREAKDOWNS



TS-95L 2W BREAKDOWNS

[Filter](#) >

<u>Work Order</u>	<u>Asset</u>	<u>Description</u>	<u>Work Type</u>	<u>Status</u>	<u>Actual Start</u>	<u>Actual Finish</u>	<u>Location</u>	<u>Reported By</u>	<u>Breakdown Location</u>	<u>Changed By</u>
1475765	DS6366	feed extension cylinder pin broken.	BRE	INPRG	2017/11/13 9:29 AM		GF-SD-TS-HOR-95L-02W-DES	Z2609483	Cut 2 distress	Z7437458
1502356	LH4917	front left tyre flat	BRE	INPRG	2017/11/13 10:56 PM		GF-SD-TS-HOR-95L-02W-DES	Z7495630	w/s	Z5024971
1502360	DS6349	LEFT BOOM TRIPPING POWER	BRE	INPRG	2017/11/13 11:56 PM		GF-SD-TS-HOR-95L-02W-DES	Z0182790	SPIRAL	Z5024971
1454751	LH5764	Bucket fringe broken	BRE	INPRG	2017/11/11 10:15 AM		GF-SD-TS-HOR-95L-02W-LHS	Z0324858	Workshop	Z7459280
1502363	LH5706	ENGINE OIL LEAK	BRE	INPRG	2017/11/14 12:21 AM		GF-SD-TS-HOR-95L-02W-LHS	Z1888273	3W-W/SHOP	Z1700274
1475358	UL3377	BATTERY MISSING(18379)	BRE	INPRG	2017/11/13 9:12 AM		GF-SD-TS-HOR-95L-02W-MGA	Z7397880	MP1	Z7451403
1502343	LH5760	turbo faulty	BRE	INPRG	2017/11/13 9:22 PM		GF-SD-TS-HOR-95L-02W-MGA	A2648365	3w w/s	Z5024971
1411546	DA6250R	Engine faulty(Awaiting engine)	BRE	INPRG	2017/11/08 4:25 PM		GF-SD-TS-HOR-95L-02W-SEC	Z7513274	NKANDLA	Z7459280
1477377	BS4216	Jaws & arms faulty	BRE	INPRG	2017/11/13 9:59 AM		GF-SD-TS-HOR-95L-02W-SEC	K1122764	NKANDLA	Z7451403
1455465	DS6291	Engine not starting	BRE	OPS DELAY	2017/11/11 4:59 PM		GF-SD-TS-HOR-95L-02W-DES	Z4907576	Cut 3 Block A	Z5024971

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Query for TS-95 2W BREADOWNS



Advanced Search | Save Query | Bookmarks

More Search Fields
Where Clause
Attribute Search
View Search Tips

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		Asset Type	Location	Work Type
1475785	DS6366 ⓘ	HP DRILL RIG	GF-SD-TS-HOR-95L-02W-DES	BRE
1502356	LH4917 ⓘ	HP LHD	GF-SD-TS-HOR-95L-02W-DES	BRE
1502360	DS6349 ⓘ	HP DRILL RIG	GF-SD-TS-HOR-95L-02W-DES	BRE
1454751	LH5764 ⓘ	HP LHD	GF-SD-TS-HOR-95L-02W-LHS	BRE
1502363	LH5706 ⓘ	HP LHD	GF-SD-TS-HOR-95L-02W-LHS	BRE
1475358	UL3377 ⓘ	SCISSOR LIFT	GF-SD-TS-HOR-95L-02W-MGA	BRE
1502343	LH5760 ⓘ	HP LHD	GF-SD-TS-HOR-95L-02W-MGA	BRE

Where Clause

```
((woclass = 'WORKORDER' or woclass = 'ACTIVITY') and (status = 'INPRG' or status = 'OPS DELAY') and historyflag = 0 and siteid = 'MN' and istask = 0 and worktype = 'BRE') and (exists (select 1 from dbo.multiassetlocci where ((location like '%GF-SD-TS-HOR-95L-02W%')) and (recordkey=workorder.wonum and recordclass=workorder.woclass and worksiteid=workorder.siteid))))
```

Optimize Query – Using SQL Server Management Studio



The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows a query editor with the following SQL query:

```
select * from Workorder where  
((woclass = 'WORKORDER' or woclass = 'ACTIVITY') and (status = 'INPRG' or status = 'OPS DELAY') and historyflag = 0 and siteid = 'NW'  
and istask = 0 and worktype = 'BRE') and (exists (select 1 from dbo.multiasstetloccl where ((location like '%GF-SD-TS-HOR-95L-02W%'))  
and (recordkey=workorder.wonum and recordclass=work
```

A context menu is open over the query, listing various actions. The 'Include Actual Execution Plan' option is highlighted, with the keyboard shortcut Ctrl+M. Other options include Cut, Copy, Paste, Insert Snippet..., Surround With..., Connection, Open Server in Object Explorer, Execute, Display Estimated Execution Plan, IntelliSense Enabled, Trace Query in SQL Server Profiler, Analyze Query in Database Engine Tuning Advisor, Design Query in Editor..., Include Client Statistics, Results To, Properties Window, and Query Options...

The status bar at the bottom of the SSMS window shows: 100% zoom, Connected (1/1), 172.16.180.41,1433 (12.0 SP2) | GFSAsa (76) | maxprod | 00:00:00 | 0 rows. The Windows taskbar at the bottom shows the system tray with the date 00:52 on 2017-11-14.

Results- Sql Server Management Studio- Query Execution plan

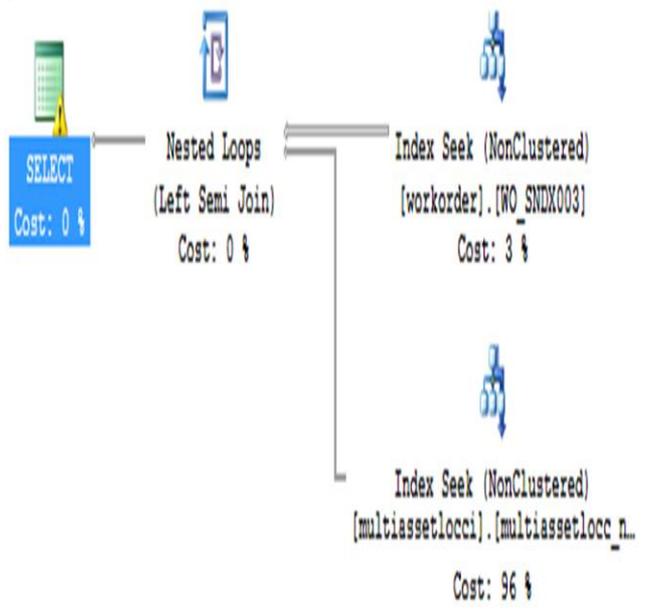


100 %

Results Messages Execution plan

Query 1: Query cost (relative to the batch): 100%

```
select * from Workorder where ((woclass = 'WORKORDER' or woclass = 'ACTIVITY') and (status = 'INPRG' or status = 'OPS DELAY') and historyflag = 0 and siteid = 'MM' and istask = 0 and workt..
```



Query Execution Cost 96%

We need to optimize this query.



Select the locations returned from the like statement used in the Workorder select where clause.

GF-SD-TS-HOR-95L-02W
GF-SD-TS-HOR-95L-02W-AUX
GF-SD-TS-HOR-95L-02W-ELE
GF-SD-TS-HOR-95L-02W-FAC
GF-SD-TS-HOR-95L-02W-FAC-DSB
GF-SD-TS-HOR-95L-02W-FAC-HSB
GF-SD-TS-HOR-95L-02W-FAC-MRB
GF-SD-TS-HOR-95L-02W-FAC-OSB
GF-SD-TS-HOR-95L-02W-FAC-WKS
GF-SD-TS-HOR-95L-02W-FAC-WKS-EOSB
GF-SD-TS-HOR-95L-02W-FAC-WKS-TSB
GF-SD-TS-HOR-95L-02W-INF
GF-SD-TS-HOR-95L-02W-RBE
GF-SD-TS-HOR-95L-02W-TMM
GF-SD-TS-HOR-95L-02W-INF-FXP
GF-SD-TS-HOR-95L-02W-BKF
GF-SD-TS-HOR-95L-02W-DES
GF-SD-TS-HOR-95L-02W-MGA
GF-SD-TS-HOR-95L-02W-LHS
GF-SD-TS-HOR-95L-02W-SEC



Instead of using the like % statement, change the query to select the specific locations

This query returns all the locations , where the parent = 'GF-SD-TS-HOR-95L-02W'
Thus we change the query to return all the records where the ancestor from locancestor= the parent.

We change the syntax of the current where clause to the following:

```
select * from Workorder where  
((woclass = 'WORKORDER' or woclass = 'ACTIVITY') and (status = 'INPRG' or status = 'OPS DELAY')  
and historyflag = 0 and siteid = 'MN' and istask = 0 and worktype = 'BRE') and (exists (select 1 from  
dbo.multiassetlocci where ((location like '%GF-SD-TS-HOR-95L-02W%')) and  
(recordkey=workorder.wonum and recordclass=workorder.woclass and  
worksiteid=workorder.siteid)))
```

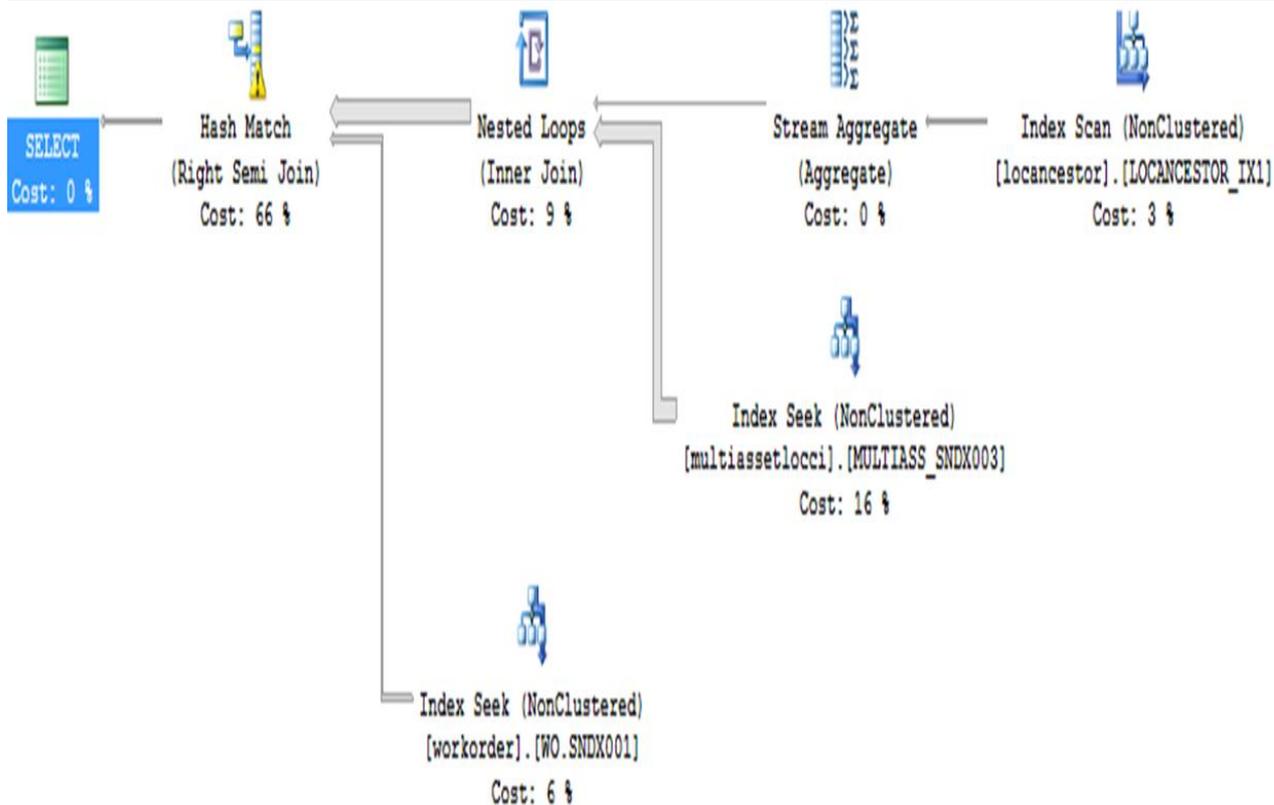
```
((woclass = 'WORKORDER' or woclass = 'ACTIVITY') and (status = 'INPRG' or status = 'OPS DELAY')  
and historyflag = 0 and siteid = 'MN' and istask = 0 and worktype = 'BRE') and (exists (select 1 from  
dbo.multiassetlocci where ((location in(select location from locancestor where ancestor='GF-SD-TS-  
HOR-95L-02W')))) and (recordkey=workorder.wonum and recordclass=workorder.woclass and  
worksiteid=workorder.siteid)))
```



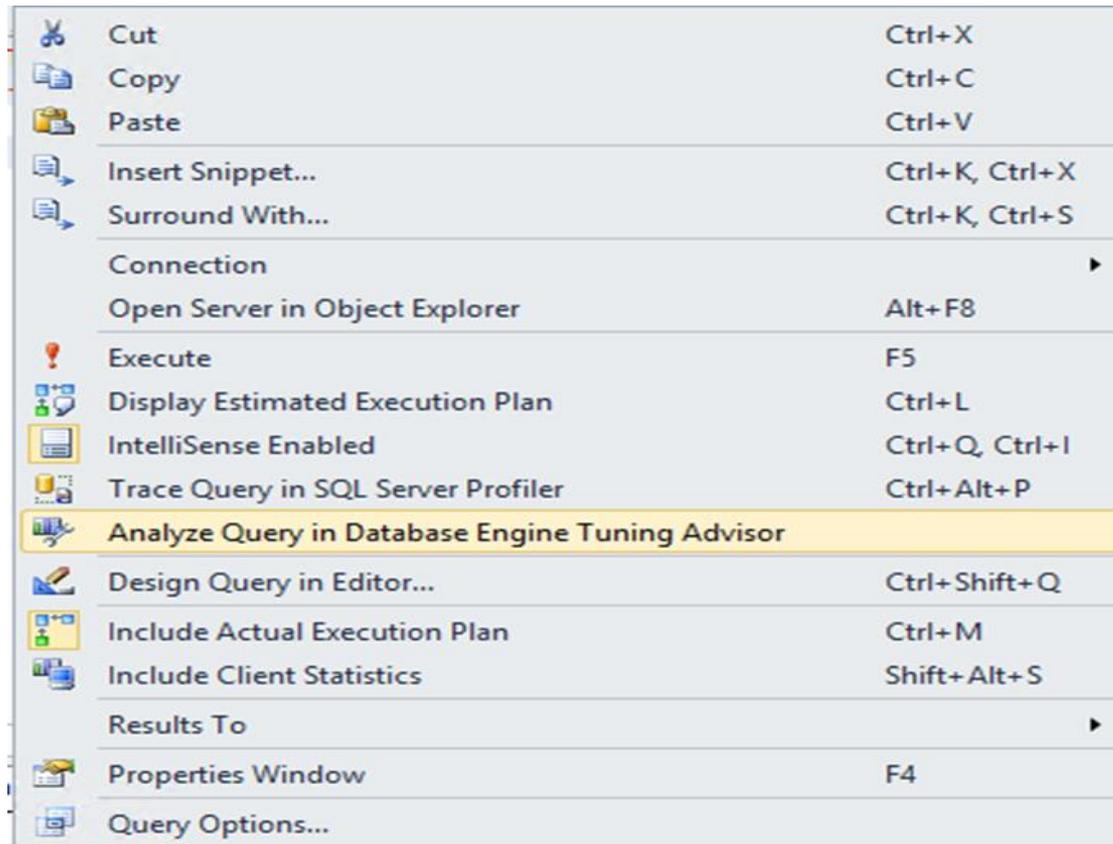
Result after optimizing the query cost down to 66%

Query 1: Query cost (relative to the batch): 100%

select * from Workorder where ((woclass = 'WORKORDER' or woclass = 'ACTIVITY') and (status = 'INPRG' or status = 'OPS DELAY') and historyflag = 0 and siteid = 'MN')



You can also utilize the Analyze Query in Database Engine Tuning Advisor



Questions

