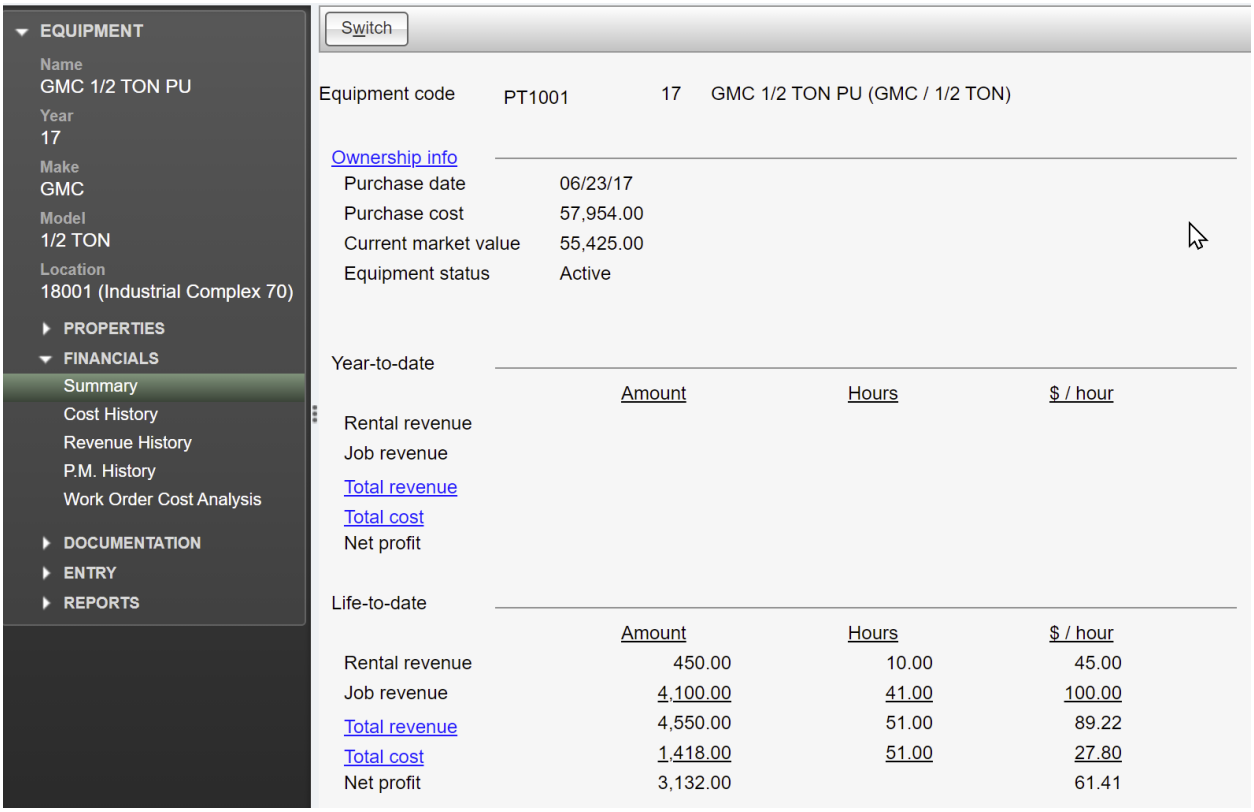
BuildingPoint
SOFTWARE CONSULTING

Popular Spectrum Equipment Reports

To set up an example I set up one piece of Equipment and recorded Equipment Revenue as follows:

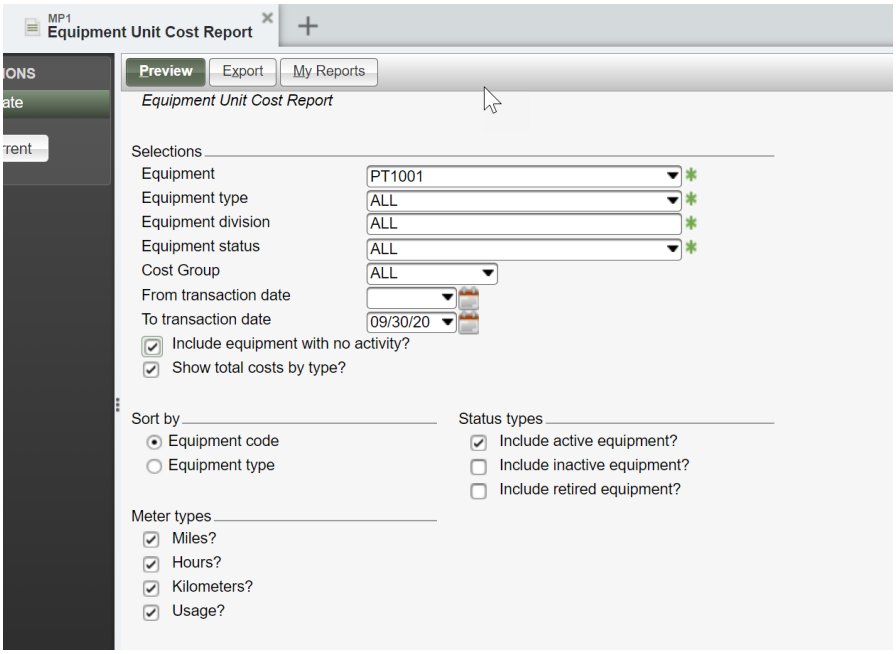
Equipment Number: PT1001
Meter 1 (Primary): Miles Meter 2: Hours
Equipment Type PTRK
Normal Hours per week 34

Hours Charged	Hrs	Rate	Amt	Total
Usage Rental Charge to Cost Center	10	40	400	
Standby Rental Charge to Cost Center	2	25	50	450
ER	36	100	3600	
EU	5	100	500	4100
Total Job Charges	41		4100	4100
Total Charge Hours	51			



1 Equipment Unit Cost Report

- Analyze cost based on the elapsed primary meter. IE: cost per hour or cost per mile.



Report Selections:

Equipment:	PT1001	**From transaction date:**	Inception	**Include 'miles' meter type:**	Yes
Equipment type:	ALL	**To transaction date:**	09/30/20	**Include 'hours' meter type:**	Yes
Equipment division:	ALL	**Equipment with no activity:**	Included	**Include 'kilometer' meter type:**	Yes
Equipment status:	ALL	**Status type:**	Active	**Include 'usage' meter type:**	Yes
Cost Group	ALL				

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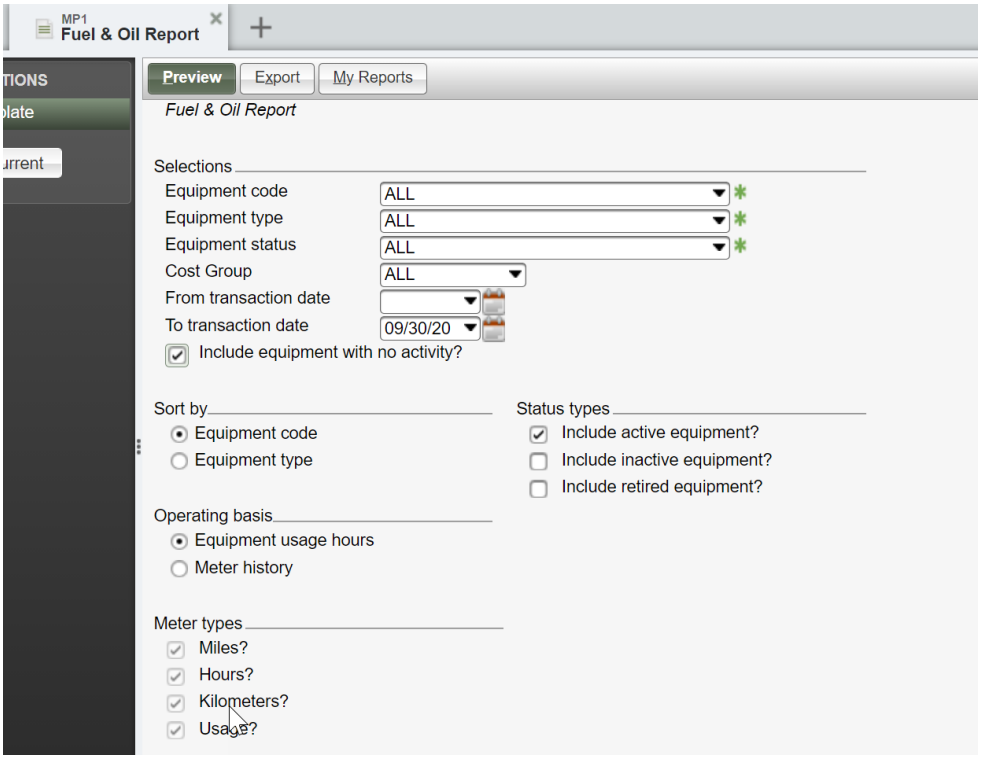
Equipment Unit Cost Report Sorted by Equipment Code

With Total Costs by Type

	Unit Cost by Type (Total Cost)										Totals		
	Fuel	Lube & Oil	Tires	LABOR/BURDEN	REPAIRS/MAINT	PARTS	OTHER	Depreciation	License	Insurance	Unit Cost	Elapsed Meter	Total Cost
Equipment: PT1001 17 GMC 1/2 TON GMC 1/2 TON PU											**Division:**		
	0.0015	0.0012			0.0059	0.0035		0.0038	0.0003	0.0014	0.0176	85,000 Miles	1,498.50
	125.00	*100.00*			*500.00*	*300.00*		*322.00*	*25.00*	*126.50*			
Report Totals:													
	0.0015	0.0012	0.0000	0.0000	0.0059	0.0035	0.0000	0.0038	0.0003	0.0015	0.0176	85,000 Miles	1,498.50
	125.00	*100.00*	*0.00*	*0.00*	*500.00*	*300.00*	*0.00*	*322.00*	*25.00*	*126.50*			

2 Fuel & Oil Report

- Analyze Equipment Fuel burn rate based on either usage or on meter readings and fuel costing.
- The report prompts to run on Equipment usage hours or on meter history.



Report Selections:

Equipment Code:	ALL	From Transaction Date:	Inception	Include 'Miles' Meter Type:	Yes
Equipment Type:	ALL	To Transaction Date:	09/30/20	Include 'Hours' Meter Type:	Yes
Equipment Status:	ALL	Status Type:	Active	Include 'Kilometer' Meter Type:	Yes
Equipment with No Activity:	Included	Operating Basis:	Usage Hours	Include 'Usage' Meter Type:	Yes
Cost Group :	ALL				

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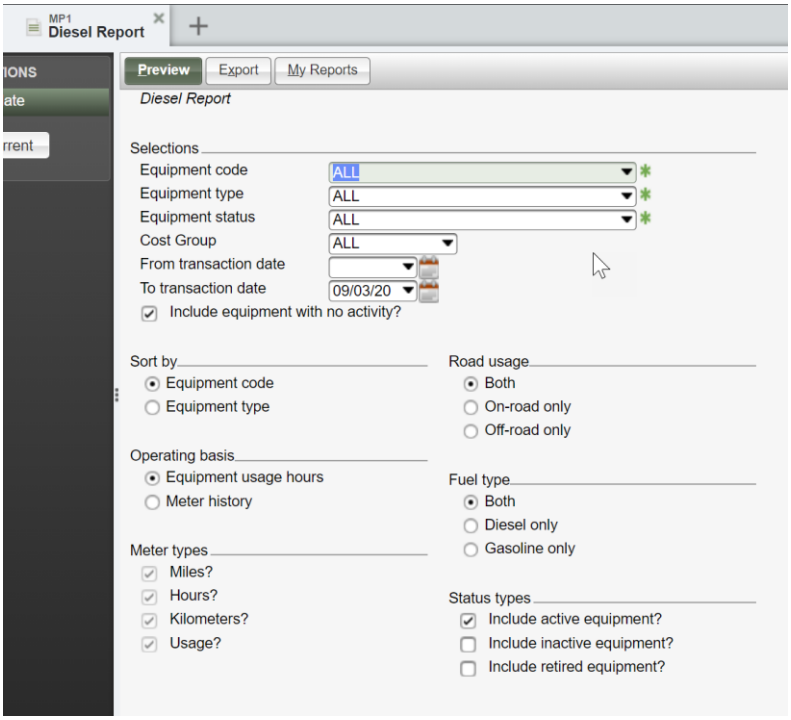
Fuel & Oil Report Sorted by Equipment Code

Equipment (YEYYYY)	Hours	Fuel		Oil		Tire Cost/Hour	Other Cost/Hour	Total Cost/Hour
BH3412 97 JOHN DEERE 320 John Deere Backhoe	55.00	Quantity:		Quantity:			183.8791	183.8791
		Gallons/Hour:		Quarts/Hour:				
		Cost/Hour:		Cost/Hour:				
BH3414 18 JOHN DEERE BACKHOE Backhoe	58.00	Quantity:	100.00	Quantity:				3.4483
		Gallons/Hour:	1.7241	Quarts/Hour:				
		Cost/Hour:	3.4483	Cost/Hour:				
PT1001 17 GMC 1/2 TON GMC 1/2 TON PU	51.00	Quantity:	50.00	Quantity:			24.9706	29.3824
		Gallons/Hour:	0.9804	Quarts/Hour:				
		Cost/Hour:	2.4510	Cost/Hour:	1.9608			
PT1002 10 GMC DUALLY GMC 1 TON PU		Quantity:		Quantity:				
		Gallons/Hour:		Quarts/Hour:				
		Cost/Hour:		Cost/Hour:				
SD1001 16 Side Dump 1001	30.00	Quantity:	56.00	Quantity:			545.9303	552.0717
		Gallons/Hour:	1.8667	Quarts/Hour:				
		Cost/Hour:	6.1413	Cost/Hour:				

3 Diesel Report

- The name of the report is a bit misleading. You can choose to include Gas, Diesel, or both
- The report selections include usage hours or meter history as a basis for costing.



Report Selections:

Equipment Code:	ALL	**From Transaction Date:**	Inception	**Operating Basis:**	Usage Hours
Equipment Type:	ALL	**To Transaction Date:**	09/30/20	**Include 'Miles' Meter Type:**	Yes
Equipment Status:	ALL	**Road Usage:**	On-Road and Off-Road	**Include 'Hours' Meter Type:**	Yes
Equipment with No Activity:	Included	**Fuel Type:**	Diesel and Gasoline	**Include 'Kilometer' Meter Type:**	Yes
Cost Group :	ALL	**Status Type:**	Active	**Include 'Usage' Meter Type:**	Yes

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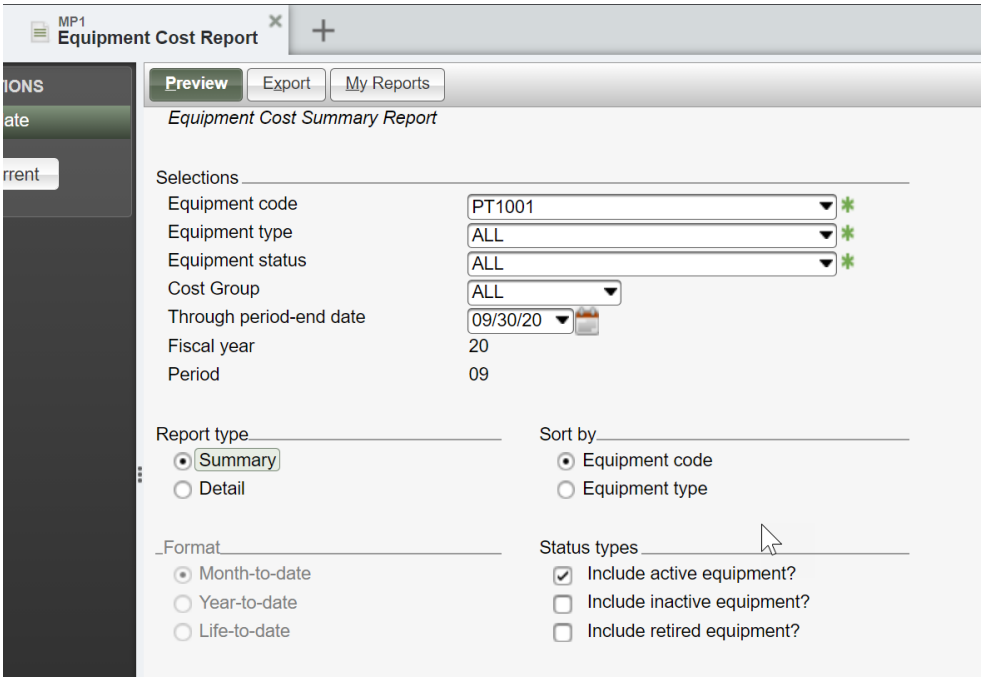
Diesel Report Sorted by Equipment Code

Usage Type: On-Road

Equipment	Year	Make	Model	Description	Hours	Gallons	Fuel Cost	Gallons/Hour
BH3414	18	JOHN DEERE	BACKHOE	Backhoe	58.00	100.00	200.00	1.7241
PT1001	17	GMC	1/2 TON	GMC 1/2 TON PU	51.00	50.00	125.00	0.9804
PT1002	10	GMC	DUALLY	GMC 1 TON PU				
SD1001	16			Side Dump 1001	30.00	56.00	184.24	1.8667
T10021	07	FORD	NEW HOLLAND	Tractor #21	15.00			
BH3414D				Backhoe Day Rate	1.00			
				On-Road Totals:	**155.00**	**206.00**	**509.24**	**1.3290**

4 Summary Equipment Cost Report

- Shows Equipment costs per operating hour including Stand-by charges.



Report Selections:

Equipment code: PT1001 **Status:** ALL **Cost Group :** ALL
Equipment type: ALL **Status Type:** Active

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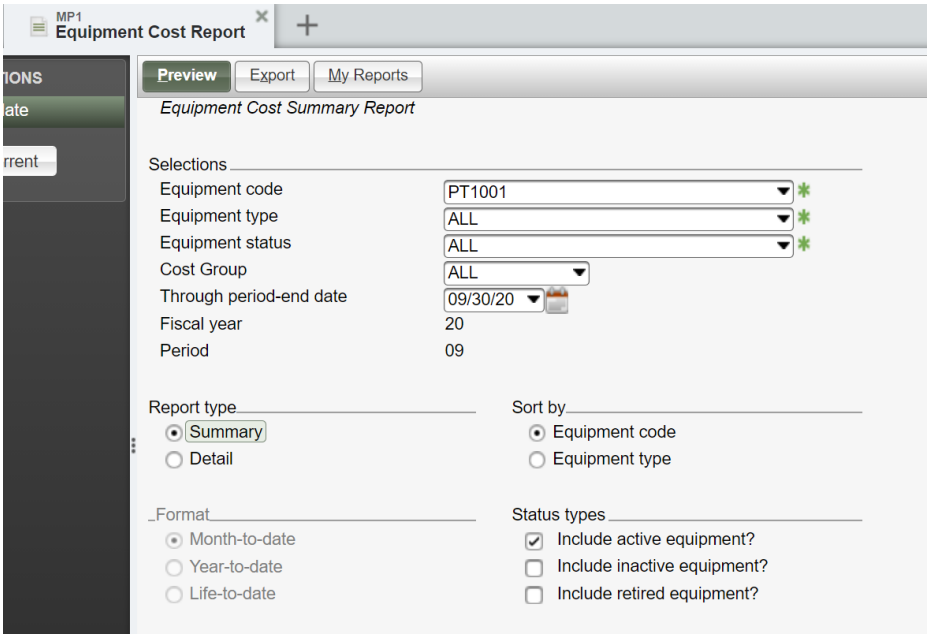
Summary Equipment Cost Report Sorted by Equipment Code

Through Period End Date: 09/30/20 Year: 20 Period: 09

	Fuel	Lube & Oil	Tires	LABOR/BURDEN	REPAIRS/MAINT	PARTS	OTHER	Depreciation	License	Insurance	Total	Hours	Cost/Hour
Equipment: PT1001 17 GMC 1/2 TON GMC 1/2 TON PU													
MTD:	125.00	100.00			500.00	300.00					1,025.00	53.00	19.3396
YTD:	*125.00*	*100.00*			*500.00*	*300.00*					*1,025.00*	*53.00*	*19.3396*
LTD:	125.00	100.00			500.00	300.00		241.50	25.00	126.50	1,418.00	53.00	26.7547
Report totals													

5 Equipment Revenue Report

- This is an Equipment P&L
- Shows Revenue, Cost, Profit, Hours Charged, and Revenue/Cost/and Profit per hour



Report Selections:

Equipment code:	PT1001	**Status:**	ALL	**Status type:**	Active
Equipment type:	ALL	**Through period end date:**	09/30/20	**Cost Group :**	ALL
Division:	ALL	**Year:** 20 **Period:** 09			

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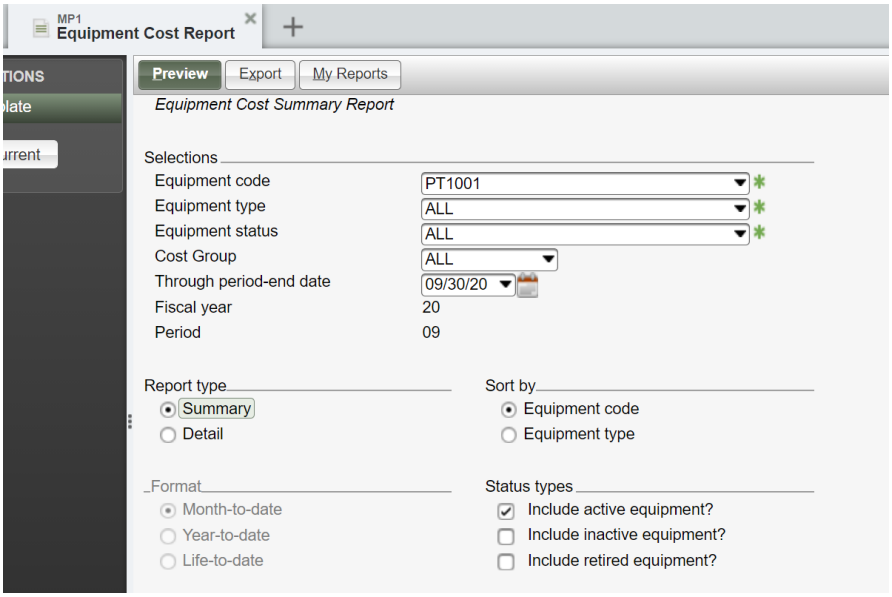
Equipment Revenue Report Sorted by Equipment Code

	Revenue								
	Rental	Job	Total	Cost	Profit	Hours	Revenue / Hour	Cost / Hour	Profit / Hour
Equipment: PT1001 17 GMC 1/2 TON GMC 1/2 TON PU (Purchased 06/23/17: $57,954.00)									
MTD:	450.00	4,100.00	4,550.00	1,025.00	3,525.00	51.00	89.22	20.10	69.12
YTD:	450.00	4,100.00	4,550.00	1,025.00	3,525.00	51.00	89.22	20.10	69.12
LTD:	450.00	4,100.00	4,550.00	1,418.00	3,132.00	51.00	89.22	27.80	61.41
Report totals:									
MTD:	450.00	4,100.00	4,550.00	1,025.00	3,525.00	51.00	89.22	20.10	69.12
YTD:	450.00	4,100.00	4,550.00	1,025.00	3,525.00	51.00	89.22	20.10	69.12
LTD:	450.00	4,100.00	4,550.00	1,418.00	3,132.00	51.00	89.22	27.80	61.41

6 Equipment Chargeable Report

- This report is a control to compare chargeable hours against a piece of Equipment's hourly meter.
- The report is best used if meter readings are taken at set intervals, and you run this report for specific periods.
- If your meter is miles and you have charge goals based on hours, you can set up a second meter on the piece of Equipment of hourly, then input meter readings to that piece of Equipment/meter type that represent that operating hourly charge goal.
- You can then run this report based on hours only and not show the miles that show on the example below.



Report Selections:

Equipment code: ALL
Equipment type: ALL
Meter type: Miles, Hours
Status: ALL
Status type: Active
Cost Group : ALL

Dallas Construction Company

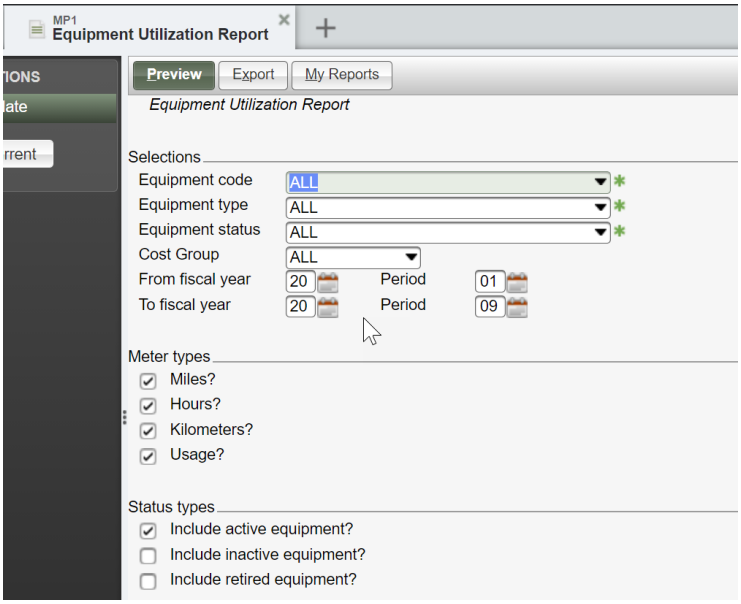
Equipment Chargeable Report

From Fiscal Year: 2020 Period: 01 To Fiscal Year: 2020 Period: 09

	Meter Type	Last Reading Date	Last Reading Meter	Usage (Hrs)	Average / Period Meter	Normal	Chargeable % of Usage	Chargeable % of Normal
Equipment Code:	**BH3412**		**John Deere Backhoe**			**Type:**	**BCKH**	
	1 - Hours	09/03/20	50	4.44	6	173.3	80.00%	2.6%
Equipment Code:	**PT1001**		**GMC 1/2 TON PU**			**Type:**	**PTRK**	
	1 - Miles	08/31/20	4,500	5.67	500			
	2 - Hours	09/03/20	1,350	5.67	150	147.3	3.78%	3.8%
Equipment Code:	**SD1001**		**Side Dump 1001**			**Type:**	**SDMP**	
Equipment Code:	**T10021**		**Tractor #21**			**Type:**	**TRAC**	

7 Equipment Utilization Report

- Report shows only Equipment with primary or other meter types that match the meter type selected when the report is run.
- Utilization is based on normal hours only when one of the meter types match the piece of Equipment is hourly.
- NOTE: The report does not use meter hours, it uses capture hours. The biggest issue is that there could be a discrepancy between capture and the hours meter on operating Equipment. Might consider an App to alert around discrepancies.



Report Selections:

Equipment code:	ALL	**Meter type:**	Miles, Hours, Kilometers, Usage
Equipment type:	ALL	**Status type:**	Active
Status:	ALL	**Cost Group :**	ALL

Dallas Construction Company

Equipment Utilization Report

From Fiscal Year: 20 Period: 01 To Fiscal Year: 20 Period: 09

Equipment Code	Description	Type	Actual Hours				Normal Hours	
			Stand-By Hours	Usage Hours	Total Hours	Utilization %	Hours	Utilization %
BH3412	John Deere Backhoe	BCKH		40.00	40.00	100.00%	1,560.0	2.56%
BH3414	Backhoe	BCKH	10.00	58.00	68.00	85.29%	1,560.0	3.72%
PT1001	GMC 1/2 TON PU	PTRK	2.00	51.00	53.00	96.23%	1,326.0	3.85%
SD1001	Side Dump 1001	SDMP						
T10021	Tractor #21	TRAC					1,560.0	
BH3414D	Backhoe Day Rate	ZD		1.00	1.00			