



Step Tables



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The Step Table enables you to extract and report statistical values periodically from any data source. User defines the overall period, and the step interval (example: 1 week split by days; month by batch ID, etc.) and then selects the desired Statistics (Last, Min, Max, Average, Sum, Duration, ...) to be calculated over each interval

Step Table Settings

Time Period:	Last Week
Splited:	By day

Option

Step Table enables to add a "Footer".

This Footer can have multiple line, with Text, Expression or Compound data.

Weekly Oil Production

Day	Oil Well 1	Oil Well 2	Oil Well 3
02/07/2018	1009.0 Brls	1016.6 Brls	1094.0 Brls
03/07/2018	994.3 Brls	955.3 Brls	1153.6 Brls
04/07/2018	1040.9 Brls	997.9 Brls	1032.3 Brls
05/07/2018	930.6 Brls	970.3 Brls	1181.1 Brls
06/07/2018	1035.7 Brls	997.3 Brls	1019.3 Brls
07/07/2018	994.3 Brls	955.3 Brls	1153.6 Brls
08/07/2018	928.5 Brls	980.3 Brls	1187.1 Brls
Weekly Production	6933 Barrels	6873 Barrels	7821 Barrels
	32.06 %	31.78 %	36.16 %
Total Production	21627.2 Barrels		

Step Table Settings

Time Period:	Last 12 Month
Splited:	By Month

Option

Color (background and font) can change based on results

Temperature Evolution

Month	Min	Average	Max
July	15 ° F	77 ° F	99.00
August	20 ° F	74 ° F	99.00
September	16 ° F	73 ° F	99.00
October	13 ° F	81 ° F	99.00
November	12 ° F	77 ° F	99.00
December	11 ° F	76 ° F	99.00
January	10 ° F	77 ° F	99.00
February	8 ° F	78 ° F	99.00
March	10 ° F	78 ° F	99.00
April	9 ° F	74 ° F	99.00
May	10 ° F	70 ° F	99.00
June	11 ° F	78 ° F	99.00
Average		76.08 ° F	

Step Table Settings

Time Period:	Last Quarter
Splited:	By Batch



Batch Production

Batch ID	Start	End	Run Time (hh:mm:ss)	Production
Batch_651	01/04/2018 07:00:00	13/04/2018 06:59:59	287:59:59	1243.00
Batch_652	13/04/2018 07:00:00	13/04/2018 17:11:02	10:11:02	1194.00
Batch_653	13/04/2018 17:11:03	29/04/2018 07:09:09	373:58:06	920.00
Batch_654	29/04/2018 07:09:10	04/05/2018 08:59:59	121:50:49	1243.00
Batch_655	04/05/2018 09:00:00	09/05/2018 06:59:59	117:59:59	1201.00
Batch_656	09/05/2018 07:00:00	13/05/2018 06:59:59	95:59:59	1007.00
Batch_657	13/05/2018 07:00:00	17/05/2018 09:59:59	98:59:59	920.00
Batch_658	17/05/2018 10:00:00	20/05/2018 15:59:59	77:59:59	851.00
Batch_659	20/05/2018 16:00:00	24/05/2018 13:59:59	93:59:59	920.00
Batch_660	24/05/2018 14:00:00	10/06/2018 06:59:59	400:59:59	851.00
Batch_661	10/06/2018 07:00:00	14/06/2018 12:59:59	101:59:59	920.00
Batch_662	14/06/2018 13:00:00	18/06/2018 12:59:59	95:59:59	1243.00
Batch_663	18/06/2018 13:00:00	22/06/2018 11:59:59	94:59:59	920.00
Batch_664	22/06/2018 12:00:00	26/06/2018 11:59:59	95:59:59	1125.00
Batch_665	26/06/2018 12:00:00	29/06/2018 15:59:59	75:59:59	1201.00
Batch_666	29/06/2018 16:00:00	01/07/2018 00:00:00	32:00:00	733.00
			Total	16492



Step Tables



Operating Temperatures when Running Motor1

Time Start	Time End	Min Temp	Max Temp
25/06/2018 00:00:00	25/06/2018 07:00:00	-	-
25/06/2018 08:00:00	25/06/2018 10:00:00	20.00	99.00
25/06/2018 13:00:00	25/06/2018 14:00:00	91.00	91.00
25/06/2018 16:00:00	26/06/2018 07:00:00	94.00	96.00
26/06/2018 08:00:00	26/06/2018 11:00:00	20.00	99.00
26/06/2018 13:00:00	26/06/2018 14:00:00	40.00	40.00
26/06/2018 15:00:00	26/06/2018 16:00:00	60.00	60.00
26/06/2018 17:00:00	27/06/2018 07:00:00	70.00	75.00
27/06/2018 08:00:00	27/06/2018 09:00:00	82.00	82.00
27/06/2018 10:00:00	27/06/2018 12:00:00	86.00	88.00
27/06/2018 13:00:00	27/06/2018 16:00:00	50.00	92.00
27/06/2018 17:00:00	28/06/2018 07:00:00	65.00	70.00
28/06/2018 10:00:00	28/06/2018 11:00:00	84.00	84.00
28/06/2018 13:00:00	28/06/2018 16:00:00	90.00	92.00
28/06/2018 18:00:00	29/06/2018 07:00:00	90.00	90.00
29/06/2018 10:00:00	29/06/2018 12:00:00	94.00	95.00
29/06/2018 13:00:00	29/06/2018 16:00:00	97.00	99.00
29/06/2018 18:00:00	30/06/2018 07:00:00	30.00	30.00
30/06/2018 10:00:00	30/06/2018 12:00:00	65.00	70.00
30/06/2018 13:00:00	30/06/2018 14:00:00	80.00	80.00
30/06/2018 15:00:00	30/06/2018 16:00:00	84.00	84.00
30/06/2018 17:00:00	01/07/2018 07:00:00	88.00	90.00
01/07/2018 08:00:00	01/07/2018 09:00:00	75.00	75.00
01/07/2018 10:00:00	01/07/2018 11:00:00	82.00	82.00
01/07/2018 12:00:00	01/07/2018 13:00:00	86.00	86.00
01/07/2018 14:00:00	01/07/2018 15:00:00	90.00	90.00
01/07/2018 16:00:00	01/07/2018 17:00:00	92.00	92.00
01/07/2018 18:00:00	02/07/2018 07:00:00	94.00	94.00
02/07/2018 10:00:00	02/07/2018 11:00:00	91.00	91.00
02/07/2018 13:00:00	02/07/2018 16:00:00	94.00	96.00
02/07/2018 17:00:00	03/07/2018 09:00:00	91.00	99.00
03/07/2018 10:00:00	03/07/2018 11:00:00	94.00	94.00
03/07/2018 12:00:00	03/07/2018 13:00:00	96.00	96.00
03/07/2018 15:00:00	03/07/2018 16:00:00	99.00	99.00
03/07/2018 18:00:00	04/07/2018 09:00:00	30.00	60.00
04/07/2018 12:00:00	04/07/2018 13:00:00	80.00	80.00
04/07/2018 17:00:00	04/07/2018 18:00:00	50.00	50.00

Option

Step Table also enables to set a Step by value range.

<<
The table below show the MIN and MAX temp only when the Motor1 = 1 (running)

>>
Or, determine all ON (run) times, and calculate the cost to run each cycle. Highlight over 10 hours of ON time

Pump Runtime Analysis

Time ON	Time OFF	Run Duration	Cost to Run (\$)
07/02/2018 00:00:00	07/02/2018 09:00:00	9:00:00	7.13
07/02/2018 11:00:00	07/02/2018 13:00:00	2:00:00	1.58
07/03/2018 07:00:00	07/03/2018 09:00:00	2:00:00	1.58
07/03/2018 10:00:00	07/03/2018 11:00:00	1:00:00	0.79
07/03/2018 12:00:00	07/03/2018 13:00:00	1:00:00	0.79
07/03/2018 15:00:00	07/03/2018 16:00:00	1:00:00	0.79
07/03/2018 17:00:00	07/04/2018 09:00:00	16:00:00	12.67
07/04/2018 10:00:00	07/04/2018 11:00:00	1:00:00	0.79
07/04/2018 12:00:00	07/04/2018 13:00:00	1:00:00	0.79
07/04/2018 15:00:00	07/04/2018 16:00:00	1:00:00	0.79
07/04/2018 17:00:00	07/04/2018 18:00:00	1:00:00	0.79
07/05/2018 07:00:00	07/05/2018 09:00:00	2:00:00	1.58
07/05/2018 10:00:00	07/05/2018 12:00:00	2:00:00	1.58
07/05/2018 16:00:00	07/06/2018 07:00:00	15:00:00	11.88
07/06/2018 08:00:00	07/06/2018 10:00:00	2:00:00	1.58
07/06/2018 11:00:00	07/06/2018 12:00:00	1:00:00	0.79
07/07/2018 08:00:00	07/07/2018 13:00:00	5:00:00	3.96
07/07/2018 17:00:00	07/07/2018 18:00:00	1:00:00	0.79
07/08/2018 07:00:00	07/08/2018 08:00:00	1:00:00	0.79
07/08/2018 12:00:00	07/08/2018 13:00:00	1:00:00	0.79
07/08/2018 14:00:00	07/08/2018 16:00:00	2:00:00	1.58
07/08/2018 17:00:00	07/09/2018 00:00:00	7:00:00	5.54
Total Hours and Cost \$		75:00:00	59.40



Step Tables



Operating Temperatures when Running Motor1

Time Start	Time End	Min Temp	Max Temp
05/07/2018 08:00:00	05/07/2018 11:00:00	92.00	99.00
05/07/2018 13:00:00	05/07/2018 14:00:00	95.00	95.00
05/07/2018 17:00:00	06/07/2018 08:00:00	40.00	99.00
06/07/2018 09:00:00	06/07/2018 10:00:00	60.00	60.00
06/07/2018 11:00:00	06/07/2018 15:00:00	70.00	80.00
06/07/2018 16:00:00	06/07/2018 18:00:00	50.00	60.00
07/07/2018 10:00:00	07/07/2018 11:00:00	94.00	94.00
07/07/2018 13:00:00	07/07/2018 16:00:00	97.00	99.00
07/07/2018 17:00:00	08/07/2018 07:00:00	20.00	30.00
08/07/2018 09:00:00	08/07/2018 10:00:00	99.00	99.00
08/07/2018 13:00:00	08/07/2018 15:00:00	95.00	95.00
08/07/2018 16:00:00	08/07/2018 17:00:00	95.00	95.00
08/07/2018 18:00:00	09/07/2018 00:00:00	88.00	88.00
MIN:		20.00	99.00
MAX:		99.00	99.00