Knowledge Base Article

Product Group: Software Product: CMSW7700 - SKF @ptitude Monitoring Suite Version: N/A

Abstract

Does SKF @ptitude Monitoring Suite have a report that will allow me to generate the "overall vibration levels" for a current or specific year?

Overview

A canned report does not exist in the SKF @ptitude Monitoring Suite that will provide the "overall vibration levels" for a current or specific year, however, it does have the ability to create a filter for the specific criteria, export into CSV format, and from there calculations can be applied to obtain the desired output. Follow the steps below to accomplish this.

1. Select the equipment to apply a filter against. [Figure 1] Remember, applying filters at the hierarchy level could potentially take some time.



Figure 1. Select equipment

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Next, click the filter icon or else from the menu options, select Insert > Apply Filter. [Figure 2]



3. Expand the **General** folder and place a check in the **POINT Name** box. Then, in the Settings area, enter the criteria that will allow the filter to select only the required points. [Figure 3] Click OK when finished.

filter:	<private filter=""></private>		<u>•</u>	Root node Selected n	- My Hierarchies ode - 19-0014 HPF	WIRE
of 129 at	nibutes: Aam Derived General Application Type DAD T	•	Settings POINT name: ? matches any si NOTE: character	"VEL" ngle character, " m is case sensitive.	atches 0 or more c	haracters.
101 125 80		Share A	As Clear	ок	Cancel	Help

Figure 3. Apply Filter settings

4. A new Filtered workspace window will open with the output. [Figure 4]



5. Now, click File > Export > Analyst Data (CSV)... [Figure 5]



Figure 5. Export data

 Fill out the Export Analyst Data window. [Figure 6] Confirm the Export source is correct, and note the Export directory. Enter a name for the CSV file that resembles the exported information. Click Next > to continue.



the content to export and open. THIS IS NOT FOR D	the destination file. T TA BACKUP.	he data will be ex	ported from th	e database yo	ou currently ha	ve
Export source:	Celgar - Dragan			•		
Export directory:	c: \users \tsg64 \de	sktop			Save As	
Export file name prefix:	Fib Vel Pts					
Format:	Comma Seperated	l Value (CSV)				
Save processing details	to "AnalystExportCS	V.log"				

Figure 6. Export Analyst Data window

7. Expand **Workspaces** and place a check next to the newly created workspace, then click **Next >**. [Figure 7]

E	xport Analyst Data
	Select the hierarchy data that is to be exported.
	Export contents:
	Cancel < Back Next > Finish Help
L	
	Figure 7. Select newly created workspace



8. Select the radio button that matches the output desired and then click **Next >**. [Figure 8]

xport Analyst Data	X
In order to export data that is based on a date/time, you need to specify how the export will determine which to include. Examples of date based items include measurements and machine notes.	n data
All records	
C Only records within specified date range From: 12/ 7/2013 To: 12/ 7/2013	
C Up to the specified number of records per item Number of records:	
Cancel < Back Next > Finish Hel	D



Figure 8. Select records to output

 Place a check in the box in the required DAD types, then click Next >. [Figure 9]

In order to export the POINT set types to include. To import this select.	etup information for t data on another sys	he selected hieran tem, that system w	chy content, y vill have to su	you need to spea pport the DAD ty	cify which D pes you
Include POINTs for these DAD	types:				
Device type					
🗖 СМИ					
Derived POINT					
DMx					
I I Mx					
I Manual					
MARLIN/Microlog Inspect	or				
Oil analysis					
П ТМU					
WMx					
XML Import					
				Select All	Clear A
	Cancel	< Back	Next >	Finish	Help

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10. Select measurement types, then click **Next >**. [Figure 10]

A measurement record can store various measurement reading types. Select the reading types that are to be included in the export. To import this data on another system, that system will have to support the measurement types you select. Include measurement types: Measurement type / BOV FFT - Spectrum Inspection MCD Overal Phase Time	Export Analyst Data	X
Include measurement type: Measurement type /	A measurement recom included in the export types you select.	d can store various measurement reading types. Select the reading types that are to be t. To import this data on another system, that system will have to support the measurement
Measurement type ✓ BOV ✓ FFT - Spectrum Inspection MCD ✓ Overall Phase Time ✓	Include measurement	t types:
BOV ✓ FFT - Spectrum Inspection MCD ✓ Overall Phase Time	Measurement type	1
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☐ Inspection MCD ♥ Overall Phase ☐ Time	FFT - Spectrum	
MCD Overall Phase Time	Inspection	
✓ Overall Phase Time		
☐ Phase ☐ Time	✓ Overall	
Time	Phase	
	🗌 🗖 Time	
]		
Select All Clear All		Select All Clear All
Cancel < Back Next > Finish Help		Cancel < Back Next > Finish Help

Figure 10. Select measurement types

11. Review the export settings, then click **Next >**. [Figure 11]



Figure 11. Review the export

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12. Click **Next >** to start the export. [Figure 12]

Export Analyst Data	×
Once the export starts, you cannot go back to change the export settings. After the export completes, you can review the result statistics on the summary page.	in
Press "Next" to begin the export process	_
Export status:	
Cancel < Back Next > Finish Help	

Figure 12. Start the export

13. When the export completes, click **Next >**. [Figure 13]

Export Analyst Data
Once the export starts, you cannot go back to change the export settings. After the export completes, you can review the result statistics on the summary page.
Export complete. Press "Next" to review the export summary
Export status:
Format: Comma Seperated Value (CSV) Save to log file AnalystExport.log: Enabled
Hierarchy source: Workspaces \ Filtered workspace
Data range setting: All records
Include Measurement Types: FFT - Spectrum Overall
Initializing export Filtered workspace FIBRELINE #19 DIGESTER 19-0014 HI PRS FEED
< ►
Cancel < Back Next > Finish Help

Figure 13. Export complete



14. Click **Finish** to close the export window. [Figure 14]

Export Analys	t Data						×
@ptitude Ana	lyst data export con	nplete. Review the re	sults for detai	ils on the expo	rted data.		
							_
Export results:							_
Data Type	A		Exported				
,		Canad	Pack	Monto	Finish	Hala	
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Figure 14. Click finish to exit

15. Navigate to the location where the CSV export file was saved. [Figure 15]

Name	Date modified	Туре	Size	
AnalystExportCSV.log	12/30/2013 5:09 PM	Text Document		1 KB
🐴 Fib Vel Pts_Hierarchy.csv	12/30/2013 5:08 PM	Microsoft Office Excel Comma Separated Values File		3 KB
🐴 Fib Vel Pts_Notes.csv	12/30/2013 5:08 PM	Microsoft Office Excel Comma Separated Values File		2 KB
👜 Fib Vel Pts_Overall.csv	12/30/2013 5:08 PM	Microsoft Office Excel Comma Separated Values File		1 KB
🚳 Fib Vel Pts_Spectra.csv	12/30/2013 5:08 PM	Microsoft Office Excel Comma Separated Values File		1 KB

Figure 15. CSV export files

16. Calculations can be applied to the data in the CSV files.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by e-mail at <u>TSG-CMC@skf.com</u>.

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