

### Instructions

1. Using these instructions, generate an API key with only the **Reporting** scope - <https://support.machinometrics.com/hc/en-us/articles/360019618413-API-Keys>

2. Copy and paste the generated API Key into cell B1 of the "API Key" Sheet

3. On the "Input" sheet, enter a start and end date and select the metrics you'd like to retrieve. The Start date **must** be at a time earlier than the End date

4. Press the "Run Query" button. After a few seconds, data will populate on the "Data" sheet

Query Date Range		Group By	
Date	Date	machine	Cannot use If "Hour" is checked
1/1/22 5:00 AM	4/1/22 5:00 AM	machineGroup	shift
Daylight Savings Time		jobOperation	day
		jobOperationRun	week
		operator	month
		hour	downtimeCategory
Data Items			
actualPartTime	maxEndTime	plannedDowntime	scrapRate
allTime	minStartTime	productionDowntime	scrappedParts
availability	nonOptionalTime	productionTime	setupTime
averagePartsPerHour	nonconformParts	productionTimeInCycle	teep
categorizedDowntime	nonconformRate	quality	timeInCut
downtime	oee	rejectRate	timeInCycle
expectedPartsPerHour	oeeFailureThreshold	rejectedParts	timeSpindleRotating
expectedPartTime	oeeWarningThreshold	scheduledExpectedParts	totalPartTime
expectedSetupTime	oee	scheduledIdealParts	totalParts
goodParts	partsGoal	scheduledRejectedParts	uncategorizedDowntime
idealPartsPerHour	partsGoalFailureThreshold	scheduledTime	unplannedDowntime
idealPartTime	partsGoalWarningThreshold	scheduledTimeInCycle	unscheduledTime
inCycleIdealParts	performance	scheduledTotalParts	utilizationFailureThreshold
			utilizationRate
			utilizationWarningThreshold



**API Key:**