Distinct Counts
Jobs & Parts

Added Distinct Job, Part, Reason Count fields to Availability/Loss Events/Parts.

They are available in the PivotGrid Field List and in the Fields of the Expression Editor.

Distinct Jobs & Parts

Several customers have asked to be able to view the average time for jobs for a specific loss event.

In this example, we see that in a one week period, across 8 production lines, we ran 50 jobs and had over 42 hours of downtime for **just** Capper/Pumps Events averaging .84 hours for each event.

Distinct Jobs & Parts

To do this we need to Calculate average event duration by dividing the event duration by the number of distinct jobs ran during that duration. Create a new custom field.

Options

Field Description	Avg. Job Duration(hrs)	

Result Type

- ○ Boolean
- ○ Date and Time
- ○ Date Only
- ◉ Decimal
- ○ Integer
- ○ String
- ○ Currency
- ○ Custom Date Interval

☐ Append Summary Type to the Field Description

If the Field Description is "Cost" and the Summary Type is "Sum", the field will display as Cost (Sum) if this option is chosen.

Otherwise it will simply display as "Cost".

Summary Type

- ○ Count
- ◉ Sum
- ○ Min
- ○ Max
- ○ Average
- ○ Std Dev
- ○ Std Dev P
- ○ Var
- ○ Var P

The sum of the values.

☐ Hide Field

☑ Use Summary Values

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f= Expression editor

`[Duration] / ([DistinctJobCount] * 3600.0)`

| + | − | × | ÷ | % | (...) | = | ≠ | < | ≤ | ≥ | > | ◐ | ◑ | ◑ |

Functions
Operators
Fields
Constants

[Actual Head Count]
[Distinct Job Count]
[Distinct Part Count]
[Distinct Reason Count]
[Duration]
[Job]
[Line Speed]
[Material Description 3]
[Material Description 1]