

Change Log

2017-12-15	Version 1 First version released
2018-1-12 All Modal screens Multiple Rows Custom Duration Duration	Version 2 Change "All Columns" to "Any Columns" Reset button guidance Removed "All time" from the dropdown options Changed "TO" and "FROM" to "DATE RANGE"
2018-1-17 Data Grid screens All Modal screens Time Range Custom Duration, Step 1 Zero State Filter Modal Multiple Rows	Version 3 Moved the px-chips below the search, table filters button, and actions button Change "Any Columns" to "Any Column"; Updated dropdowns and fields to reflect more "realistic" options.; Added specs Removed "Custom" from the Time Range (formerly Duration) dropdown. Removed Added screen and specs Updated the delete filter description Removed delete filter description; Reset button specs
2018-1-25 Filter Chips - Truncation Filter Chips - Overflow, Popover On Click All Modal screens Filter Modal Multiple Rows Date Range Headers Conditions	Version 4 Provided more guidance around truncation Adjusted the type size of specs #3 and #4; Changed the tooltip (hover) to a popover (onclick) Use "Sentence case" for dropdown list items Provided guidance for button specs #6-#9; Added more guidance for input validation Provided guidance around dropdown labels; Provided guidance for when the user does not provide input values on individual filter rows; Added more specs for spacing Specified the date range dropdown is the default for date range (not the date picker); Specified the default for the date range dropdown Provided more guidance around headers Corrected typo "Not equal" to be "Smaller than" in the second set of conditions
2018-2-1 Empty State Filter Chips Filter Chips - Overflow Filter Chips - Overflow, Popover On Click Multiple Rows Headers	Version 5 Data grid style changes Added Icon position details Added interactive guidance for the chip and "Clear all filters" link Removed this page from the spec. (Removed large tooltip to allow user to go to filter modal directly.) Added label styling detail Changed label styling details
2018-2-13 Scrolling Filter Chips - Date/Time Range Example	Version 6 *Feature pending enhancements to px-modal (Added 02/05/2018) Added page with date/time range chip example

Empty State

Fleet Information

30px

2

Search table

3

4

Table Filters

Actions

5

40px

LAST OCCURANCE ↓	ASSET PATH	POINT	UNITS	METER
2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-suctionpressure
2014-02-20, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

- 1

30px \$gray15

Default style for the data grid title.
(Dark theme: \$gray5)
- 2

px-forms-design input field
- 3

px-utl:zoom

Allows the user to search within the data grid.
- 4

px-buttons-design default
(icon: px-utl:filter)

Opens advanced filtering modal.
- 5

px-dropdown default

Filter Chips

Fleet Information

Search table

16px

10px

8px

15px

vertically center

Table Filters

Actions

30px

1

10px

15px

2

turbine

Ohio

California

Clear all filters

30px

LAST OCCURANCE

ASSET PATH

POINT

UNITS

METER

2014-02-17, 19:33:51

.../Unit1/HRSG/

39VS11

psi

crank-frame-compressionratio

2014-02-18, 19:33:51

.../Unit1/HRSG/

39VS11

psi

crank-frame-dischargepressure

2014-02-19, 19:33:51

.../Unit1/HRSG/

39VS11

m/s

crank-frame-suctionpressure

2014-02-20, 19:33:51

.../Unit1/HRSG/

39VS11

m/s

crank-frame-velocity

2014-02-21, 19:33:51

.../Unit1/HRSG/

39VS11

psi

crank-frame-compressionratio

2014-02-22, 19:33:51

.../Unit1/HRSG/

39VS11

psi

crank-frame-dischargepressure

2014-02-23, 19:33:51

.../Unit1/HRSG/

39VS11

psi

crank-frame-suctionpressure

2014-02-24, 19:33:51

.../Unit1/HRSG/

39VS11

psi

crank-frame-velocity

2014-02-25, 19:33:51

.../Unit1/HRSG/

39VS11

m/s

crank-frame-compressionratio

2014-02-26, 19:33:51

.../Unit1/HRSG/

39VS11

m/s

crank-frame-dischargepressure

- 1

px-chip (actionable)

Chips containing the last string of each individual filter populate here once the user has applied them via the modal action. Clicking the "x" on any chip will delete that individual filter and update the results in the data grid accordingly.
- 2

px-actionable-design

Allows user to clear all currently applied filters.

Filter Chips - Truncation

Fleet Information

Search table

1

GD123456789...2345

GD123456789...2346

Clear all filters

LAST OCCURANCE ↓	ASSET PATH	POINT	UNITS	METER
2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-suctionpressure
2014-02-20, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

1px-chip actionable

Truncate text strings at the end of a line after 20 characters and in the middle of a line after 10 characters. (Note: spaces also count as characters.)

Filter Chips - Hover State

Fleet Information

Search table

Show Only / Location / Contains

Turbine

Ohio

California

Clear all filters

Table Filters

Actions

LAST OCCURANCE	ASSET PATH	POINT	UNITS	METER
2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-suctionpressure
2014-02-20, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

1 px-tooltip

Option to display the full filter string in the tooltip component on hover.

Filter Chips - Overflow

Fleet Information

Search table

Table Filters

Actions

135 filters applied

Clear all filters

2

LAST OCCURANCE	ASSET PATH	POINT	UNITS	METER
2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-suctionpressure
2014-02-20, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

1px-chip

If the number of filters cannot be displayed in one line on the screen, one static chip is shown indicating the total number of filters applied to the data grid.

When clicked, the chip take the user to the advanced filtering modal.

215px \$primary-default

Allows the user to clear all currently applied filters.

Filter Chips - Date/Time Range Example

Fleet Information

1

Date Range / 2018/01/01, 11:00:00 PM UTC - 2018/02/13, 12:00:00 AM UTC

Table Filters

Actions

Turbine

Ohio

2018/01/01-2018/02/13

Clear all filters

LAST OCCURANCE	ASSET PATH	POINT	UNITS	METER
2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-suctionpressure
2014-02-20, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

- 1

px-tooltip

Option to display the full filter string in the tooltip component on hover. Note: show commas between the date and time and a dash to indicate ranges.
- 2

px-chip - date time picker

Show the date range with a dash (no spaces). Note: The date range example shown contains 21 characters and is an exception to the “truncate after 20 characters” rule.

Zero State

Application Name

Powered by **PREDIX**

Item Name

Item Name

Item Name

Item Name

Item Name

Tab Navigation

Tab Navigation

Tab Navigation

Tab Navigation

Title of Page

LOCATION
Value

LABEL
Value

LABEL
Value

LABEL
Value

LABEL
Value

LABEL
Value

LABEL
Value

LABEL
Value

LABEL
Value

LABEL
Value

SUB-SECTION HEADER

Fleet Information

Search table

DATE RANGE

2014-02-17, 19:33:51 – 2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-18, 19:33:51 – 2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-19, 19:33:51 – 2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-suctionpressure
2014-02-20, 19:33:51 – 2014-02-20, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51 – 2014-02-21, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-compressionratio
2014-02-22, 19:33:51 – 2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51 – 2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51 – 2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51 – 2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51 – 2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

Table Filters Actions

Filter Columns

You have no filters.

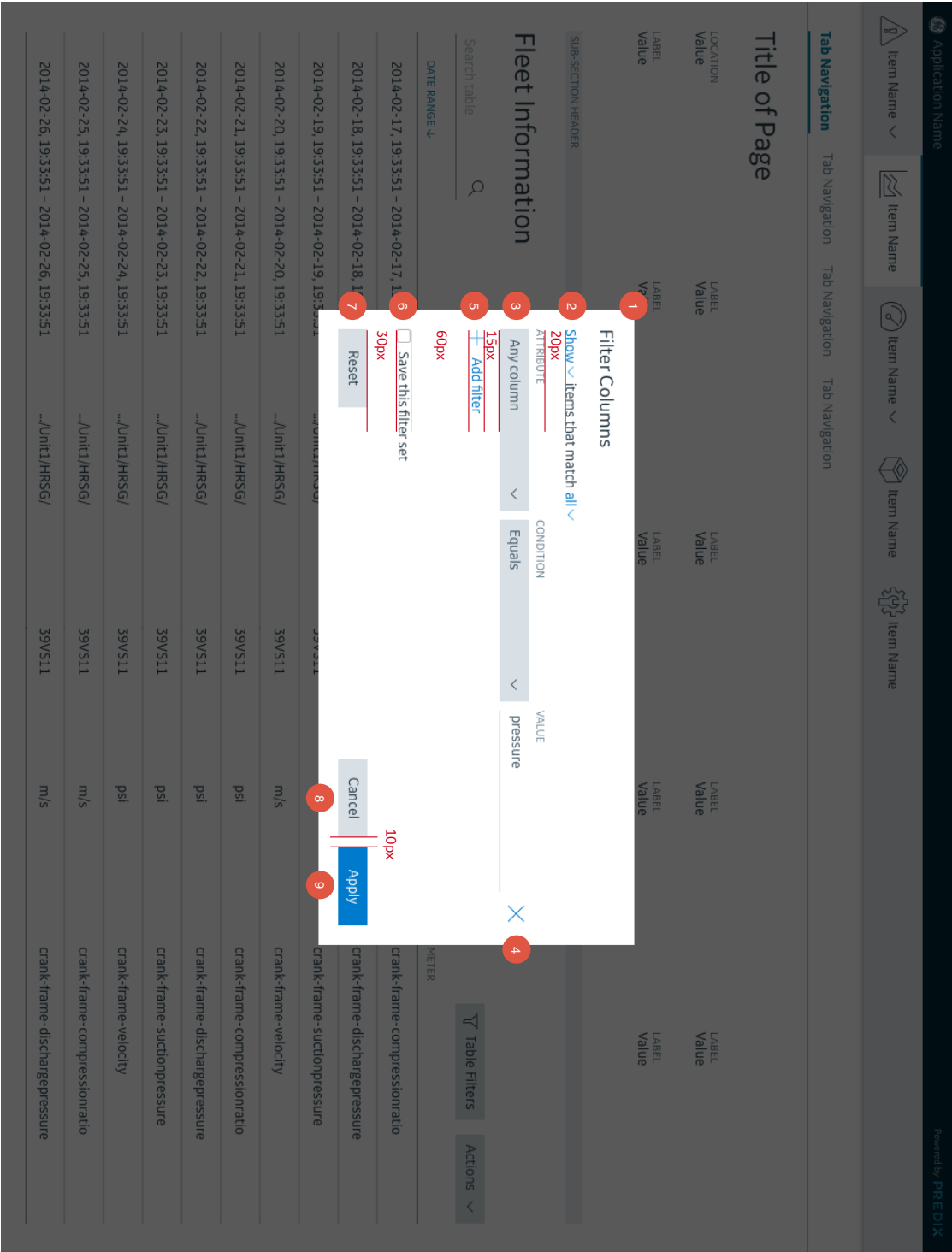
+ Add filter

Cancel Apply

1 *Body Copy*

If no filters have been added, the user is presented with text that says, "You have no filters" with the option to "Add filter". Note that the "Save this filter set" and the "Reset" button is not shown in this state.

Filter Modal



1 *px-modal*

The modal appears after the user has selected the filters button.

2 *Display Rules*

3 *px-dropdown & px-forms-design*

Dropdowns and basic form input fields should be shown with a label and provide hooks for validation states. The actual validation will be done by the application. Use Sentence case for dropdown list items.

4 *Delete Filter: px-uit/close*

Use the "X" icon to delete a filter.

5 *Add Filter: px-uit/add + Actionable text*

Selecting the icon and actionable text will add a new filter row. Icon is 16px.

6 *Save this filter set*

Selecting the checkbox for "Save this filter set" would trigger an API hook to allow for saving. (Not saving options). Product is responsible for designing how a user would interact with saved filters. The initial state is unchecked.

7 *Reset: px-buttons-design*

Selecting the Reset button would clear all filters and return to the initial state. The initial state is disabled until a user makes a selection.
Type: Secondary (default)

8 *Cancel: px-buttons-design*

Selecting the Cancel button would cancel any selections the user has made and close the modal window.
Type: Secondary (default)

9 *Apply: px-buttons-design*

Selecting the Apply button would apply any selections the user has made and close the modal window.
Type: Call to action

Headers

[illegible]

1 px-headings-design

If all items in a column are the same, a header may be used to maximize space between filters. Headers above the dropdowns should be ALL UPPERCASE, Zeta, 12px, and \$gray10.

Display Rules

[illegible]

1

Display Rules

Actionable text (px-actionable-design) and dropdown prompts (px-utl:chevron) are an affordance for a dropdown menu.

State: Selected

2

Display Rules: px-dropdown

A dropdown will appear to show the list below. An API hook should allow for other options. Use Sentence case for dropdown list items.

Show

Hide

Highlight

3

Display Rules: px-dropdown

A dropdown will appear to show the list below. An API hook should allow for other options. Use Sentence case for dropdown list items.

All

Show
Hide
Highlight

A dropdown will appear to show the list below. An API hook should allow for other options. Use Sentence case for dropdown list items.

Attributes

[illegible]

1 px-dropdown

The attribute dropdown selections should allow for showing: all columns, individual columns, duration and the flexibility to add other items if needed. Use Sentence case for dropdown list items.

Conditions

[illegible]

1 px-dropdown

The conditions dropdown selections should allow for showing the following (grouped for anticipated use). Use Sentence case for dropdown list items.

- | | |
|-----------------------|---|
| Equals | ✓ |
| Equals | |
| Not equal | |
| Larger than | ✓ |
| Equal or larger than | |
| Equal or smaller than | |
| Larger than | |
| Smaller than | |
| Ends with | ✓ |
| Contains | |
| Does not contain | |
| Ends with | |
| Starts with | |

Date Range (Dropdown is Date Range Default)

Application Name

Powered by **PREDIX**

Item Name

Item Name

Item Name

Item Name

Item Name

Tab Navigation

Tab Navigation

Tab Navigation

Tab Navigation

Title of Page

LOCATION Value

LABEL Value

LABEL Value

LABEL Value

LABEL Value

LABEL Value

Filter Columns

Show items that match all

ATTRIBUTE	CONDITION	VALUE
Any column	Equals	Input Text
Date range	TIME RANGE	

1

2

+

 Add filter

☐ Save this filter set

Reset

Cancel

Apply

Fleet Informat

Search table

DATE RANGE

2014-02-17, 19:33:51 -	.../Unit1/HR			
2014-02-18, 19:33:51 -				
2014-02-19, 19:33:51 -				
2014-02-20, 19:33:51 - 2014-02-20, 19:33:51	.../Unit1/HR	39VS11	m/s	crank-frame-velocity
2014-02-21, 19:33:51 - 2014-02-21, 19:33:51	.../Unit1/HR		psi	crank-frame-compressionratio
2014-02-22, 19:33:51 - 2014-02-22, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-dischargepressure
2014-02-23, 19:33:51 - 2014-02-23, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-suctionpressure
2014-02-24, 19:33:51 - 2014-02-24, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-25, 19:33:51 - 2014-02-25, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-26, 19:33:51 - 2014-02-26, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

- 1 Attribute, Last: px-dropdown
- If a user selects duration, the condition row populates with time selections. The value column is left empty. Use Sentence case for dropdown list items.
- 2 Time range dropdown: px-dropdown
- The duration dropdown offers the following options for user selection. The time range selections should allow for future developers to customize, add or delete options. The Time range dropdown default is "Last 7 days". Use Sentence case for dropdown list items.

Last 7 days

Last 7 days

Last 14 days

This month

Last month

Last 3 months

Last 6 months

Last 12 months

This year

Last year

Slider

Application Name

Item NameItem NameItem NameItem NameItem Name

Tab NavigationTab NavigationTab NavigationTab Navigation

Title of Page

LOCATION Value

LABEL Value

LABEL Value

LABEL Value

LABEL Value

LABEL Value

LABEL Value

LABEL Value

SUB-SECTION HEADER

Fleet Informat

Search table

DATE RANGE

2014-02-17, 19:33:51 – 2014-02-18, 19:33:51 – 2014-02-19, 19:33:51 – 2014-02-20, 19:33:51 – 2014-02-21, 19:33:51 – 2014-02-22, 19:33:51 – 2014-02-23, 19:33:51 – 2014-02-24, 19:33:51 – 2014-02-25, 19:33:51 – 2014-02-26, 19:33:51 –

.../Unit1/HRSG/39VS11m/scrank-frame-velocity.../Unit1/HRSG/39VS11psicrank-frame-compressionratio.../Unit1/HRSG/39VS11psicrank-frame-dischargepressure.../Unit1/HRSG/39VS11psicrank-frame-suctionpressure.../Unit1/HRSG/39VS11psicrank-frame-velocity.../Unit1/HRSG/39VS11m/scrank-frame-compressionratio.../Unit1/HRSG/39VS11m/scrank-frame-dischargepressure

Filter Columns

Show items that match all

ATTRIBUTE

Any column

CONDITION

Contains

VALUE

Hint Text

ATTRIBUTE

Temperature

RANGE

12°

48°

+ Add filter

Save this filter set

Reset

Cancel

Apply

1px-slider

The px-slider component allows a user to select a numeric value from a range of acceptable values. The minimum and maximum values, step, and default value can all be specified in configuration.

Sections and Filter Count

Application Name

Powered by **PREDIX**

Item Name

Item Name

Item Name

Item Name

Item Name

Tab Navigation

Title of Page

LOCATION Value

LABEL Value

LABEL Value

SUB-SECTION HEADER

Fleet Information

Search table

DATE RANGE

2014-02-17, 19:33:51 – 2014-02-17, 19:33:51	.../Unit1/HRSG/	39VS11	psi	crank-frame-velocity
2014-02-18, 19:33:51 – 2014-02-18, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-compressionratio
2014-02-19, 19:33:51 – 2014-02-19, 19:33:51	.../Unit1/HRSG/	39VS11	m/s	crank-frame-dischargepressure

Filter Columns

1

SECTION A (2)

2

Show items that match all

ATTRIBUTE	CONDITION	VALUE
Any column	Contains	Hint Text
Power user	Equal to	Hint Text

+ Add filter

40px

3

SECTION B (3)

Show items that match all

ATTRIBUTE	CONDITION	VALUE
Administrator	Contains	Hint Text
Power user	Equal to	Hint Text
Engineer	Equal to	Hint Text

+ Add filter

60px

☐ Save this filter set

Reset

Cancel

Apply

- 1

px-headings-design

Section headers are ALL CAPS and 20px.
- 2

Section Filter Count

Headers may include filter counts for a section and are shown in parentheses.
- 3

Display Rules

Each section should allow for individual display rules.

The modal should allow for scrolling. The modal header and footer (includes “Save this filter set” and the action buttons) should remain fixed.