

1.0 Automatically adapted questionnaires

Use of attributes for questions

The screenshot displays the 'Question details' dialog in a software application. The dialog is titled 'Question details' and has a close button (X) in the top right corner. It is currently showing the 'Define conditions' tab, which is highlighted with a pink border. The question text is 'Do gear changes feel rough/abrupt?'. The description is optional. The estimated duration is 17 seconds. The question is mandatory. The 'Define conditions' section shows a search list with 'Transmission' selected. A dropdown menu is open, showing options: 'empty', 'not empty', 'contains' (selected), and 'does not contain'. The value '6-Speed Automatic' is entered in the adjacent text field. The 'User-defined conditions' section has two radio buttons: 'ALL conditions must apply' (selected) and 'At least one condition must apply'. The background shows a list of questions, with the current question being 'Are the vehicle's windows visibly foggy or frozen at the beginning of the test drive?'.

From now on it is possible to assign different conditions to questions using attributes. For this purpose, an automatic comparison takes place with the attributes of relevant test objects. Only if a test object has an attribute that was defined as a condition in the question will the question be displayed.

A detailed description can be found here: [LINK to the manual](#)

Comparison of conditions in questionnaires

Report
 Select Tests > ● Benchmarking Tests > Competitor Analysis_Gear Shifting > Questionnaires

Search list

General_Gear Shifting ▾ Ergebnisse liegen vor für: Competitor Analysis_Gear Shifting

total single

Selection << total

Search list < Page 1 of 1 >

☒ ★ Customer Demo
☒ ● Management Drives
☒ ● Benchmarking Tests
☐ Competitor Analysis_Air Conditioning and Heating
☐ Competitor Analysis_Comfort
☒ Competitor Analysis_Gear Shifting
☒ ● Technical Development
☒ ● Fleet Management

General Questions - Gear Shifting

☐ Can you feel a jerk, clunk or thud while shifting gears?
☒ Do gear changes feel rough/abrupt?

Completed questionnaires total: 4

Transmission

Can you feel a jerk, clunk or thud while shifting gears?

Conditions

Answer results tabular view

Value	Number of answers	Share
Yes	0	0 %
No	1	25 %
Sometimes	3	75 %
I can't say for sure	0	0 %

Graphic / Visualization

06-Jeep_BM_4 04-SUV_BM_3 04-SUV_BM_1 06-Jeep_BM_5 04-SUV_BM_2

100 %
80 %
60 %
40 %

1 2 1

In order to only receive relevant questions in a questionnaire, a mechanism was developed at this point. This means that only the questions that meet certain conditions are displayed.

Report
 Select Tests > ● Benchmarking Tests > Competitor Analysis_Gear Shifting > Questionnaires

Search list

General_Gear Shifting ▾ Ergebnisse liegen vor für: Competitor Analysis_Gear Shifting

total single

Selection << total

Search list < Page 1 of 1 >

☒ ★ Customer Demo
☒ ● Management Drives
☒ ● Benchmarking Tests
☐ Competitor Analysis_Air Conditioning and Heating
☐ Competitor Analysis_Comfort
☒ Competitor Analysis_Gear Shifting
☒ ● Technical Development
☒ ● Fleet Management

General Questions - Gear Shifting

☐ Can you feel a jerk, clunk or thud while shifting gears?
☒ Do gear changes feel rough/abrupt?

Completed questionnaires total: 4

Transmission

Can you feel a jerk, clunk or thud while shifting gears?

Conditions

User-defined conditions:

☒ ALL conditions must be met
☐ At least one condition must apply

Search list

Transmission contains 6-Speed Automatic

Close

Answer results tabular view

Value	Number of answers	Share
Yes	0	0 %
No	1	25 %
Sometimes	3	75 %
I can't say for sure	0	0 %

Graphic / Visualization

06-Jeep_BM_4 04-SUV_BM_3 04-SUV_BM_1 06-Jeep_BM_5 04-SUV_BM_2

100 %
80 %
60 %
40 %

1 2 1

By clicking on the “Conditions” button you can find out which condition has been set.

A detailed description can be found here: [LINK to the manual](#)

