

ELK-Test Report

COTY elk-test at Sindal Airport
Tuesday, September 24, 2019
From 9.30 until 13.00. 21 cars.

Cloudy, wind around 4-5 m/s and temp 12-13 degrees C. Light rain around 11.00. See notes in the protocol.

First Group

19. Peugeot 208 Allure Pure Tech 100

Tyres: Michelin Pilot Sport 205/45 R17

Comments:

55 km/h. The car understeers a little, but is easy to control.

60 km/h. Slight understeering, mild intervention of the ESP, but easy to control.

65 km/h. Good ESP-braking, still easy to control and with good balance.

70 km/h. Passes on second attempt, heavy ESP-intervention but still with control, no effect on steering, good handling.

73 km/h. Too fast, the car slides out of the track.

23. Renault Clio Intense TCe 130

Tyres: Continental Eco Contact 205/45 R17

Comments:

60 km/h. Easy and smooth, no ESP-intervention or braking, very fast steering.

65 km/h. Some ESP-intervention, with fast steering, and the car is easy to control.

70 km/h. Now heavy ESP-braking, but fast steering and easy to control.

73 km/h. Understeers in the third turn, slides out of the track.

Second Group

5. BMW 118d

Tyres: Pirelli P Zero 225/45 R17

Comments:

60 km/h. Easy to control, some ESP can be noticed in the last turn.

65 km/h. Good steering, easy to control.

70 km/h. Some understeering, but easy to control. Could have had a more active ESP.

73 km/h. Managing the track, but still without heavy ESP-involvement.

75 km/h. Too fast and takes down some of the cones.

6. BMW M135i xDrive

Tyres: Pirelli P Zero 225/45 R17

Comments:

65 km/h. Very fast steering, no ESP-intervention and the car is easy to control.

73 km/h. Slight understeering, but still no obvious feeling of ESP.

75 km/h. Easy to control, now slight ESP-intervention, good calibration of the system.

79 km/h. Slides out the track, understeers in the last corners.

15. Mazda 3 Sedan Skyactive-X 2.0

Tyres: Bridgestone Turanza 215/45 R18

Comments:

64 km/h. Slight understeering, no obvious feeling of ESP, easy to steer and control.

70 km/h. ESP braking and the car passes through the track.

74 km/h. More and more understeer, no control and goes out the track.

35. Toyota Corolla 2,0 Hybrid Touring Sports

Tyres: Falken 224/40 R18

Comments:

58 km/h. Fast steering and no ESP, no problems at all.

65 km/h. No feeling of ESP, the rear of the car slides a bit.

70 km/h. Some body roll but manages the track with no obvious ESP-intervention.

72 km/h. Understeers out of the track, some body roll, heavy to control.

27. Skoda Scala Style 1,5 TSI 7-DSG

Tyres: Bridgestone Turanza 215/45 R17

Comments:

65 km/h. Notice - the auto braking system is triggered and the cars brakes heavily and is hard to control.

With emergency autobrake disabled:

65 km/h. Some body roll and heavy oversteering, but passes without touching any cones.

68 km/h. Passes with the help of ESP.

70 km/h. This is too fast, understeers out of the track.

Third Group

7. DS3 Crossback Puretech 155

Tyres: Michelin Primacy 4 215/55 R18

Comments:

(Very light rain)

65 km/h. Easy with only light feeling of ESP.

70 km/h. Heavy intervention from ESP, but passes the test.

75 km/h. Too fast and the car understeers in the last corner.

10. Kia e-Soul 64 kWh

Tyres: Michelin Primacy 3 215/55 R17

Comments:

65 km/h. Oversteers with no feeling of ESP, passes the test.

70 km/h. Passes but feels heavy and slides, no obvious ESP-intervention.

75 km/h. Almost passes, but oversteers out of the track in the last corner.

25. Skoda Kamiq 1,6 TDI 7-DSG

Tyres: Goodyear Efficient Grip 205/55 R17

Comments:

65 km/h. Passes but with auto brake engaged. We turn the emergency brake off:

71 km/h. Fails and hits the cones. Heavy ESP-intervention and the car slides and bounces sideways.

43. Volkswagen T-Cross 1,0 TSI

Tyres: Pirelli Cinturato P7 215/45 R18

Comments:

(Light rain)

65 km/h. Heavy ESP, but safe behavior through the course.

70 km/h. ESP brakes the car heavily, but with good control.

75 km/h. Almost passes the track, but brings one cone down, overall a safe behavior.

Fourth Group

14. Range Rover Evoque First Edition

Tyres: Pirelli Scorpion Zero 245/45 R21

Comments:

(Light rain)

61 km/h. Heavy ESP, but passes

63 km/h. Passes with difficulties. Hard to control, driver turns the steering wheel "but nothing happens" in the last corner.

66 km/h. Heavy ESP-intervention and the car understeers out of the track.

18. Mazda CX30 Skyactive-D

Tyres: Bridgestone Turanza 215/55 R18

Comments:

(Light rain)

65 km/h. Some understeer and no obvious feeling of ESP. No problems.

72 km/h. Understeers out of the track in the third turn.

38. Toyota RAV4 2,5 Hybrid

Tyres: Bridgestone Alenza 225/60 R18

Comments:

(Light rain)

65 km/h. Slides and no ESP-intervention, but passes quite easily.

70 km/h. ESP intervenes and the car passes. Slides with smoke coming from the tires, "feels like driving on snow".

74 km/h. Almost passes the track but oversteers, slides out of the track with the rear of the car.

76 km/h. This is too fast, oversteers heavily in the last corners.

Fifth Group

32. Tesla Model 3 Standard Range Plus RWD

Tyres: Michelin Pilot Sport 4 235/45 ZR18

Comments:

(Very light rain)

65 km/h. Very fast steering, no problems at all.

69 km/h. Passes without any drama, slight understeer, light feeling of ESP.

75 km/h. Fails, understeers out of the track in the third turn.

33. Tesla Model 3 Long Range AWD

Tyres: Hankook Ventus S1 Evo3 235/40 R19

Comments:

(Very light rain)

65 km/h. Very easy, no problem at all.

70 km/h. Light oversteer, light ESP-intervention.

73 km/h. Heavy oversteering, better grip than the RWD-Tesla Model 3.

80 km/h. Three attempts, but understeers out of the track in the last corner.

37. Toyota Camry 2,5 Hybrid

Tyres: Dunlop SP Sport Maxx 235/45 R18

Comments:

(Light rain)

65 km/h. No ESP but passes.

70 km/h. Understeers and the driver can not steer the car in the last corner.

39. Toyota Supra GR Supra 3,0

Tyres: Michelin Pilot Super Sport 275/35 ZR19 (255/35 ZR19 front)

Comments:

(Light rain)

65 km/h. Very fast steering and no problems.

75 km/h. Passes the test with understeering, but no major difficulties.

79 km/h. Almost passes. Understeers out of the track in the last corner and hits one cone.

Sixth Group 3 cars

2. Audi e-tron 55 Quattro

Tyres: Bridgestone Alenza 255/50 R20

Comments:

(Light rain)

60 km/h. Understeers heavily but passes the track

65 km/h. Too heavy understeering, and fails the track.

3, BMW X7 xDrive30d

Tyres: Pirelli P Zero 315/35 R22

Comments:

(Rain)

61 km/h. Body roll, but passes in a safe manner.

65 km/h. Passes with body roll and heavy ESP-intervention.

69 km/h. Too fast and understeers too much. The driver has no time to correct steering.

30. Subaru Forester e-Boxer 2,0i-S

Tyres: Bridgestone Dueler H/P Sport 225/55 R18

Comments:

(Light rain)

60 km/h. Heavy ESP-intervention, passes.

65 km/h. Autobrake-system triggered at first attempt. Some body roll.

Disabled Autobraking:

64 km/h. Passes with heavy body roll.

70 km/h. Understeers out of the track.