ACEA observations – Low speed WLTP cycle part:



ACEA observations – Mid speed WLTP cycle part:



ACEA observations – High speed WLTP cycle part:



ACEA observations – Extra-High speed WLTP cycle part:



Concorn #	Vehicle	Gear Shift	Vehicle	Test	Comments				Demortes
Concern #			Condition	series #	Low	Middle	High	Ex-High	Remarks
1							1061s, 1153s		Driving at v <12 km/h
									sould be avoided in
					15s, 200s, 520s	665s			order to reduce
									variability. Low engine
									speed, must slip clutch.
2					15s. 520s	890s	1080s, 1270s, 1363s	1560s. 1640s. 1730s	Micro transients
					,		,	,,	tempting to cut corners
3					520s				Short trip should
									replaced
1					5520	6650	12820		busy univing. accel,
4					0005	0005	13025		Shint gear - decei.
									Hard acceleration
									Cannot follow cycle
5								1490s 1520s	Gear shift schedule
Ũ								11000, 10200	and/or cycle needs to
									be adapted
6									Hard acceleration.
							1165s		Possible torque steer
									effect. Gear shift
									schedule and/or cycle
									needs to be adapted.
									Transition from
7						793s	1146s, 1382s		acceleration to sharp
,						1000			deceleration difficult to
									follow (auto gearbox)
8							1061s		I ransition from sharp
						665s			deceleration to
									acceleration at very low
									Speed difficult to drive
9						765s, 800s			deceleration to

10		Japan		63s, 340s		1382s		Down shift in transition from decel to accel should be avoided. Down shift before
								transition to allow
11	Ş	Steven		63s, 340s	665s, 720s			from decel to accel should be avoided. Down shift before transition to allow engine braking.
12		Japan		330s, 412s	1	140s, 1440s		Low engine speed
13		Japan						High engine speed
14	Ś	Steven		278s, 295s, 330s, 412s	1	140s, 1440s		Low engine speed
15	5	Steven						High engine speed
16		Japan					1520s	Rapid gear changes for LCV