

# Regional Options in WLTP

WLTP-22-03e\_Appendix01  
updated in April, 2018

reference doc. ; ECE/TRANS/WP.29/2018/71

dis-harmonised ← → harmonised

Annex	Section	breif description	EU	JPN	Possible Scenario in UNR_WLTP
definition	3.7.1.	Rated engine power	R85	TRIAS,R85,ISOetc	accept each CP definitions
	3.7.2.	Maximum speed	R68	TRIAS,calculate	accept each CP definitions
1	2	Vehicle classifications	Y	class3 only (no class1/2 vehicle in the market)	expect no unique requirement per CP (JPN accept class 1 and 2 cycle, if available)
	3.1. ~ 3.3.	Test cycles	include ex-H	exclude ex-H	level 1/2 concept
	3.5	WLTC city cycles	Y	NA	can be omitted if no CP apply
	8	Downscaling	Y	NA (no vehicle in the market)	expect no unique requirement per CP (JPN accept the downscaled vehicles, if available)
	9	Capped speed	Y	NA (no vehicle in the market)	expect no unique requirement per CP (JPN accept the capped vehicles, if available)
3		reference fuel	EU/UN	Japan unique	under the study level 1/2 concept, if dis-harmonised
4	4.1.1.2.	Atmospheric temperature	not allow +5°C	not allow +5°C	level 1/2 concept
	4.2.2.	Tyre selection	R No. 117-02	R No. 117-02	harmonised
6	1.2.	criteria pollutant and limit value	EU unique	JPN unique	level 1/2 concept
	1.2.2.	other regional corrections	Y (14°C)	NA	exclude from UNR_WLTP
	1.2.3.8.	dCO2 determination.	Y(0.99...)	Y(1.00....)	level 1/2 concept
	1.2.4.2.1.	Auxiliary devices	Y(DRL) against GTR text	N	expect no unique requirement per CP (consider to incorporate into regional text only)

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6	2.4.	4WD requirement	Y	no mandate	expect no unique requirement per CP (consider to incorporate into regional text only)
	Appendix 1 1.5. & 1.6.	regenerative factor Ki	include ex-H	exclude ex-H	follow gtr (EU accept 3_phase_Ki, on the other hands, JPN accept 4_phase_Ki)
7	7.3.	RMSSE threshold	1.3	0.8	level 1/2(0.8) concept
8	4.3.4. & 4.4.	Electric energy consumption	?	exclude city test	can be omitted if no CP apply
	Table A8/8~10	ECDC	?	N	eliminate unnecessary parameter (expect each CP to provide necessary parameter)
	OVC-HEV	calculation formula	follow GTR	unique	level 1/2 concept
		COP	Y (Europe)	Y (Japan)	on going under COP TF
	Appendix 5	Utility factors	Y (Europe)	Y (Japan)	level 1/2 concept

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1	5.3.10.	Calculation	2day total	<--	level 1/2 concept
2	Table A2/1	mutual recognition fuel	Y	Y	all CPs accept test results with mutual recognition fuel