



LSVA – Vehicles subject to the charge

depending on their engine characteristic according to the ISO 14906

Engine characteristics according to ISO 14906

Code	Definition	Subject to charge
0	noEntry	Yes
1	noEngine	No
2	petrolUnleaded	Yes
3	petrolLeaded	Yes
4	diesel	Yes
5	IPG	Yes
6	battery – vehicle powered exclusively by battery	No
7	solar	No
8	hybrid (not valid anymore)– See Acceptance criteria for extended logic for this characteristic	Yes
9	hydrogen	Yes
10	multi-fuel – multi fuel engine	Yes
11	bivalent-petrol-lpg – bivalent operating engine with petrol or liquefied petroleum gas	Yes
12	bivalent-petrol-cng – bivalent operating engine with petrol or compressed natural gas	Yes
13	combined-petrol-electric – combined operation with petrol and electric engine	Yes
14	cng – compressed natural gas	Yes
15	lng – liquefied natural gas	Yes
16	combined-diesel-electric – combined operation of diesel and electric engine	Yes
17	combined-hydrogen-electric – combined operation of hydrogen and electric engine	Yes
18	bivalent-hydrogen-petrol – bivalent operating engine with hydrogen or petrol	Yes
19	bivalent-hydrogen-petrol-electric-engine – bivalent operating engine with hydrogen or petrol combined with electric engine	Yes
20	fuel-cell-hydrogen – fuel cell with hydrogen as primary energy source and electric engine	No

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21	fuel-cell-petrol – fuel cell with petrol as primary energy source and electric engine	Yes
22	fuel-cell-methanol – fuel cell with methanol as primary energy source and electric engine	Yes
23	fuel-cell-ethanol – fuel cell with ethanol as primary energy source and electric engine	Yes
24	fuel-cell-diesel – fuel cell with diesel as primary energy source and electric engine	Yes
25	combined-multi-fuel-electric-engine – combined operation of multi fuel and electric engine	Yes
26	combined-cng-electric-engine – combined operation with compressed natural gas and electric engine	Yes
27	combined-lng-electric-engine – combined operation with liquefied natural gas and electric engine	Yes
28	petrol-ethanol – fuel mix of petrol and mainly ethanol, e.g. E85	Yes
29	combined-lpg-electric-engine – combined operation of LPG and electric engine	Yes
30	hybrid-petrol-external-battery – hybrid drive with petrol and external rechargeable battery (plug-in hybrid)	Yes
31	hybrid-diesel-external-battery – hybrid drive with diesel and external rechargeable battery (plug-in hybrid)	Yes
32	hybrid-lpg-external-battery – hybrid drive with LPG and external rechargeable battery (plug-in hybrid)	Yes
33	hybrid-hydrogen-external-battery– hybrid drive with hydrogen and external rechargeable battery (plug-in hybrid)	Yes
34	hybrid-multi-fuel-external-battery – hybrid drive with multi fuel and external rechargeable battery (plug-in hybrid)	Yes
35	hybrid-cng-external-battery – hybrid drive with compressed natural gas and external rechargeable battery (plug-in hybrid)	Yes
36	hybrid-lng-external-battery– hybrid drive with liquefied natural gas and external rechargeable battery (plug-in hybrid)	Yes
37	hybrid-bivalent-hydrogen-petrol-external-battery – hybrid drive with bivalent operating hydrogen and petrol engine and external rechargeable battery (plug-in hybrid)	Yes
38	hydrogen-cng – fuel mix of hydrogen and compressed natural gas	Yes
39	hydrogen-lng – fuel mix of hydrogen and liquefied natural gas	Yes
40	hybrid-hydrogen-cng-external-battery – hybrid drive with hydrogen and compressed natural gas and external chargeable battery (plug-in hybrid)	Yes
41	hybrid-hydrogen-lng-external-battery – hybrid drive with hydrogen and liquefied natural gas and external chargeable battery (plug-in hybrid)	Yes
42	ethanol – ethanol or fuel mix of ethanol and other fuel (except petrol) or additives, e.g. E95	Yes
43	hybrid-fuel-cell-hydrogen – hybrid drive with fuel cell (electric engine) and hydrogen (combustion engine)	Yes
44	hybrid-fuel-cell-hydrogen-external-battery – hybrid drive with fuel cell (electric engine) and hydrogen (combustion engine) and external chargeable battery (plug-in hybrid)	Yes

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45	dual-fuel-lng-diesel – dual operation with LNG and diesel	Yes
46	electric-external – electric engine with external power supply	No
47	biogas – mixture of different gases produced by the breakdown of organic matter	Yes
48	bioDiesel – vegetable oil- or animal fat-based diesel fuel	Yes
49	bioPetrol – petrol fully or partly based on vegetable sources	Yes
50	bivalent-petrol-biogas – bivalent operating engine with petrol or biogas	Yes
51	combined-biogas-electric-engine – combined operation of biogas and electric engine	Yes
52	dual-fuel-cng-diesel – dual operation with CNG and diesel	Yes
53-254	reserved for future CEN and ISO use, and therefore not allowed for use	Yes
255	other	Yes

Please note:

All vehicles used for the transport of goods with a total gross weight of more than 3.5 tonnes that do not pay a heavy vehicle charge according to the above list must register their mileage with the FOCBS by 1 October 2025 at the latest.

Disclaimer:

The FOCBS assesses the journeys based on the engine characteristic declared by the EETS Provider in accordance with the above table. The FOCBS can adapt the table at any time based on the national legal basis. The user liable for charges cannot derive any legal claim from the above table.