

FUEL CONSUMPTION & FUEL COST

Fuel Consumption and Fuel cost

The zzootaLink platform provides a large number of useful reports to manage your vehicle or fleet.

A virtual Fuel Consumption and Fuel Cost can be generated in these reports to further enhance their usefulness.

This presentation will guide you step by step to the Advanced editing page to set the required parameters.



STEP 1

To begin log into the zzoataLink platform and navigate to the Main page.

The screenshot displays the ZZOOTA web interface. On the left, there is a sidebar with a search bar containing 'zzoota Demo' and a list of objects. The main area shows a map of Brisbane, Queensland, Australia, with various landmarks and streets labeled. At the bottom, a dashboard provides detailed information for a specific vehicle.

Objects List:

- zzoota Demo
- Ungrouped (1)
- zzoota Demo (24-02-2021 10:33:26) 0 kph

Vehicle Data Dashboard:

Toyota 510VIS		Sensors		Services	
Address:	---	GSM	63 %	VIN	JTMHV05J40...
Time:	24-02-2021 10:33:26	Ignition	Off	Avg. Speed	0 Km/h
Stop duration:	33min 56s	Engine Hours	625.15 h	Avg. Fuel	0 L/100Km
Driver:	-	Odometer	26096 Km	Temperature	175 C
		RPM	65535	Battery	12.59 Volts
		Speed	0 kph	200 Hour Service	Engine ho
				Test	Days expir
				Pre-Start	Days expir

STEP 2

Choose the device in the Navigation panel and select the Overflow menu “⋮”.

The screenshot displays the ZZOOTA web application interface. At the top left is the ZZOOTA logo. Below it is a navigation panel with three tabs: 'Objects', 'Events', and 'History'. The 'Objects' tab is active, showing a list of objects. A red arrow points to the overflow menu (three vertical dots) next to the 'zzoota Demo' object. The main area is a map of Brisbane, Queensland, Australia, with a red location pin on the Brisbane River. At the bottom, there is a data panel for a 'Toyota 510VIS' vehicle, which is marked as 'Offline'. The data panel is divided into three sections: 'Address', 'Sensors', and 'Services'.

Address		Sensors				Services			
Address:	24-02-2021 10:33:26	GSM	63 %	VIN	JTMHV05J40...	RPM	65535	200 Hour Service	Engine ho
Time:	24-02-2021 10:33:26	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.59 Volts	Test	Days expir
Stop duration:	34min 11s	Engine Hours	625.15 h	Avg. Fuel	0 L/100Km	Speed	0 kph	Pre-Start	Days expir
Driver:	-	Odometer	26096 Km	Temperature	175 C				

STEP 3

Select "Edit".

The screenshot displays the ZZOOTA web application interface. On the left, there is a sidebar with a search bar and a list of objects. The main area shows a map of Brisbane with a red arrow pointing to the 'Edit' option in a context menu. At the bottom, there is a vehicle data panel for a Toyota 510VIS.

Objects List:

- zzoota Demo
- Ungrouped (1)
- zzoota Demo (24-02-2021 10:33:26)

Context Menu:

- Show history (last hour)
- Show history (today)
- Show history (yesterday)
- Follow
- Send command
- Edit**
- Sharing
- Checklist QR Code

Vehicle Data Panel:

Toyota 510VIS		Sensors		Services					
Address:		GSM	63 %	VIN	JTMHV05J40...	RPM	65535	200 Hour Service	Engine ho
Time:	24-02-2021 10:33:26	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.59 Volts	Test	Days expir
Stop duration:	34min 22s	Engine Hours	625.15 h	Avg. Fuel	0 L/100Km	Speed	0 kph	Pre-Start	Days expir
Driver:	-	Odometer	26096 Km	Temperature	175 C				

STEP 4

Select "Advanced".

The screenshot displays the ZZOOTA mobile application interface. At the top, the ZZOOTA logo is visible. Below it, there are tabs for 'Main', 'Icons', 'Advanced', 'Sensors', 'Services', 'Accuracy', 'Tail', and 'Cameras'. The 'Advanced' tab is currently selected, and a red arrow points to it. The 'Edit' dialog box is open, showing the following fields:

- Active
- User*: training@zzoota.com
- Name*: zzoota Demo
- Device IMEI / Tracker ID: 861107039509279
- Expiration date:

At the bottom of the dialog box, there are three buttons: 'Save', 'Cancel', and 'Delete'. The background shows a map of Brisbane with various landmarks and a data table at the bottom.

zzoota Demo		ACK	Sensors		Services					
Address:	[Redacted]		GSM	98 %	VIN	JTMHV05J40...	RPM	696	200 Hour Service	Engine ho
Time:	24-02-2021 11:04:01		Ignition	On	Avg. Speed	6 Km/h	Battery	13.32 Volts	Test	Days expi
Stop duration:	13s		Engine Hours	625.16 h	Avg. Fuel	0 L/100Km	Speed	0 kph	Pre-Start	Days expi
Driver:	-		Odometer	26096 Km	Temperature	36 C				

STEP 5

Select your preferred “Fuel Measurement” from the drop-down menu.

The screenshot displays the ZZOOTA interface with an 'Edit' dialog box open. The dialog has several tabs: Main, Icons, **Advanced**, Sensors, Services, Accuracy, Tail, and Cameras. The 'Advanced' tab is active, showing various configuration fields. A red arrow points to the 'Fuel measurement' dropdown menu, which is currently set to 'l/100km'. The dropdown menu is open, showing the following options: 'l/100km', 'MPG', and 'Kilometers per 1 liter'. Other fields in the dialog include 'Group' (Ungrouped), 'SIM number' (empty), 'Plate number' (zzoota1), 'VIN' (ZZFST22P0000223764), 'Registration/Asset number' (empty), 'Device model' (empty), 'Object owner/Manager' (empty), 'SharpAI Camera Vision' (empty), and 'Show GPRS Templates commands only' (unchecked). At the bottom of the dialog, there are 'Save', 'Cancel', and 'Delete' buttons. The background shows a map of Brisbane, Queensland, with various landmarks and streets visible.

STEP 6

Enter “Kilometers per 1 liter” as measured by your vehicles trip computer or from the manufactures handbook.

and

Enter the “Cost per 1 liter” for your local area.

The screenshot shows the ZZOOTA mobile application interface. A map is visible in the background. In the foreground, an 'Edit' dialog box is open, displaying various vehicle configuration options. The 'Advanced' tab is selected. The 'Fuel measurement' section is expanded, showing three input fields: 'l/100km' (set to 9.5), 'Kilometers per 1 liter' (set to 9.5), and 'Cost for 1 liter' (set to 1.50). Two red arrows point to the 'Kilometers per 1 liter' and 'Cost for 1 liter' fields. Other fields include 'Group' (Ungrouped), 'SIM number', 'Plate number' (zzoota1), 'VIN' (ZZFST22P0000223764), 'Registration/Asset number', 'Device model', 'Object owner/Manager', and 'SharpAI Camera Vision'. A warning message is displayed at the bottom of the dialog: 'Warning: By default time adjustment for gps tracker should not be edited at all. This option should be used for exceptional conditions if your gps tracker sends incorrect time. GPS tracker should be set to use timezone UTC-0 at all times.' The dialog has 'Save', 'Cancel', and 'Delete' buttons at the bottom.

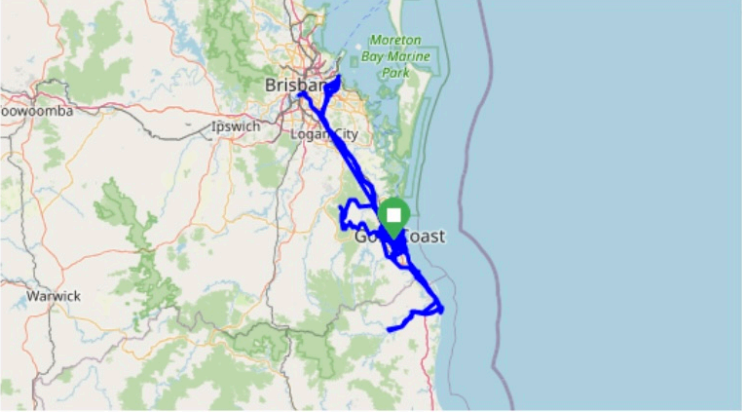
Some examples of Reports displaying Fuel Consumption and Fuel Cost.

Report type: General information (merged) 01-01-2021 00:00:00 - 01-02-2021 00:00:00 (UTC +10)

Device	Route start	Route end	Route length	Move duration	Stop duration	Top speed	Average speed	Overspeed count	Fuel consumption	Fuel cost
zzoota Demo	01-01-2021 00:08:10	31-01-2021 23:54:46	2009.16 Km	43h 57min 27s	699h 49min 6s	124 kph	41 kph	0	221.01 Liters	309.41

Report type: Routes 01-01-2021 00:00:00 - 01-02-2021 00:00:00 (UTC +10)

Device: zzoota Demo



Route start: 01-01-2021 00:08:10
 Route end: 31-01-2021 23:54:46
 Route length: 2009.16 Km
 Move duration: 43h 57min 27s
 Stop duration: 699h 49min 6s
 Top speed: 124 kph
 Average speed: 41 kph
 Overspeed count: 0
 Stop count: 346

Fuel consumption (GPS): 221.01 Liters
 Fuel cost (GPS): 309.41
 Engine hours: 41h 13min 48s
 Engine work: 38h 49min 25s
 Engine idle: 2h 24min 23s
 Odometer: 23930.89 Km

01-01-2021 00:00:00 - 01-02-2021 00:00:00 (UTC +10)

Route length	Driver	Fuel consumption (GPS)	Fuel cost (GPS)
1.57 Km		0.17 Liters	0.24
3.06 Km		0.34 Liters	0.47
3.61 Km		0.4 Liters	0.56
79.04 Km		8.69 Liters	12.17
1.63 Km		0.18 Liters	0.25
2.89 Km		0.32 Liters	0.45
75.65 Km		8.32 Liters	11.65
5.08 Km		0.56 Liters	0.78
4.84 Km		0.53 Liters	0.74
1.27 Km		0.14 Liters	0.2

Report type: Drives and stops 01-01-2021 00:00:00 - 01-02-2021 00:00:00 (UTC +10)

Report type: Drives and stops / Drivers 01-01-2021 00:00:00 - 01-02-2021 00:00:00 (UTC +10)

Driver:

Device	Status	Start	End	Duration	Route length	Stop position	
						Fuel consumption	
zzoota Demo	Stopped	01-01-2021 00:08:10	01-01-2021 14:07:21	13h 59min 11s		-28.02007°, 153.39271°	
zzoota Demo	Moving	01-01-2021 14:07:21	01-01-2021 14:10:18	2min 57s	1.57 Km	0.17 Liters	
zzoota Demo	Stopped	01-01-2021 14:10:18	01-01-2021 14:19:50	9min 32s		-28.00963°, 153.39192°	
zzoota Demo	Moving	01-01-2021 14:19:50	01-01-2021 14:27:03	7min 13s	3.06 Km	0.34 Liters	
zzoota Demo	Stopped	01-01-2021 14:27:03	01-01-2021 14:33:34	6min 31s		-28.00001°, 153.37684°	
zzoota Demo	Moving	01-01-2021 14:33:34	01-01-2021 14:40:37	7min 3s	3.61 Km	0.4 Liters	
zzoota Demo	Stopped	01-01-2021 14:40:37	01-01-2021 15:07:39	27min 2s		-28.02005°, 153.3927°	
zzoota Demo	Moving	01-01-2021 15:07:39	01-01-2021 16:03:59	56min 20s	79.04 Km	8.69 Liters	
	Stopped	01-01-2021 14:40:37	01-01-2021 15:07:39	27min 2s			
	Moving	01-01-2021 15:07:39	01-01-2021 16:03:59	56min 20s			

Engine idle	Driver	Route length	Top speed	Average speed	Stop position	Fuel consumption
0s				30 kph	-28.02007°, 153.39271°	
0s		1.57 Km	55 kph	30 kph		0.17 Liters
0s				29 kph	-28.00963°, 153.39192°	
0s		3.06 Km	70 kph	29 kph		0.34 Liters
0s				36 kph	-28.00001°, 153.37684°	
0s		3.61 Km	66 kph	36 kph		0.4 Liters
0s				78 kph	-28.02005°, 153.3927°	
0s		79.04 Km	121 kph	78 kph		8.69 Liters

END OF PRESENTATION