



Demo by the full tank method

GEONE



Fuel Economy



SARAMAC LIMITED

Sanyo Bldg., 22-38 Edobori 1-Chome, Nishi-ku, Osaka 550-0002, Japan
TEL. +81-6-6445-1885 FAX. +81-6-6445-1882 e-mail. info@saramac.co.jp
<https://saramac.co.jp>

Full Tank Method

The full tank method calculates the distance traveled and the amount of fuel consumed starting from the car with a full tank of fuel until filling it up again.

Trip meter mileage ÷ Amount of fuel consumed = Actual fuel economy



Step 1

Fill up the gas tank at a gas station.



Step 2

Reset the trip meter and start running.



Step 3

Drive long distances to calculate fuel economy averages.



Step 4

Record the amount refueled when filling up again.



Step 5

Fuel economy is calculated by the above formula.

Demonstration test - 01



Load goods onto a 2-ton truck and depart

Yokaichi ⇒ Ritto ⇒ Nagahama ⇒ Ritto
(Yokaichi to Nagahama is by ordinary road,
Hikone to Ritto is by expressway)

Started from 87,304 km

Distance traveled 148.1 km → gasoline 20.99 ℓ

Fuel consumption 7.06 ℓ



Ritto ⇒ Nagahama ⇒ Omihachiman
(Ritto to Maibara: expressway, Nagahama to Omi
Hachiman: ordinary road)

Started from 87,451 km

3 GEONEs were put into the car

Distance traveled 101.6 km → 9.37 ℓ

Fuel consumption 10.8 ℓ



Total mileage 87,553 km



Total daily mileage 249.8 km

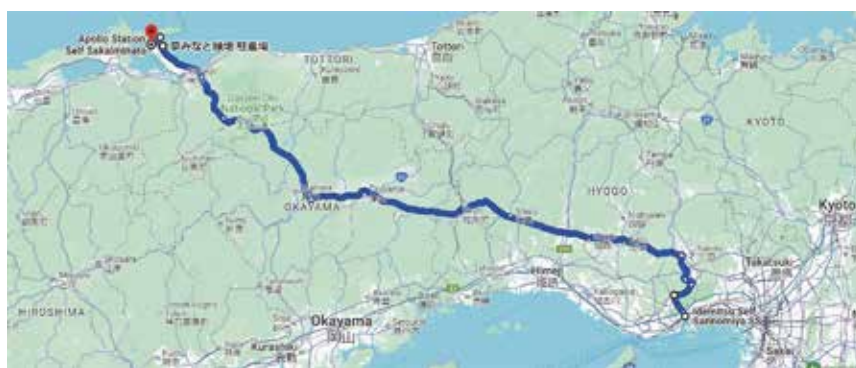


Fuel economy **3.74km/ℓ Up**

Demonstration test - 02



Test Date : August 24, 2024
 Vehicle : Nissan SYLPHY
 Model : DBA-TB17
 Fuel Tank : 52 ℓ



Refueling in Tottori



Refueling in Kobe



Idemitsu Self Sannomiya SS (Kobe)



Apollo Station Self Sakaiminato (Tottori)



Going

Idemitsu Self Sannomiya SS (Kobe) ⇒ Apollo Station Self Sakaiminato (Tottori)

Trip meter mileage: **269.30km**

Amount of fuel consumed: **14.21ℓ**

$$269.30 \div 14.21 = 18.95 \text{ km/ℓ}$$



F0-1 single injection

Return

Apollo Station Self Sakaiminato (Tottori) ⇒ Idemitsu Self Sannomiya SS (Kobe)

Trip meter mileage: **269.90km**

Amount of fuel consumed: **12.51ℓ**

$$269.90 \div 12.51 = 21.57 \text{ km/ℓ}$$

Fuel economy **2.62km/ℓ Up**

This means that a full tank of 52 ℓ can run approximately 136 km longer.

Demonstration test - 03



Type : Mazda AZ-Wagon CBA-MJ21S

Date: August 14, 2024

Destination Route :

Esso Self Sone Filling Station (Kitakyusyu)

⇒ Eneos Self Saiki SS (Oita)

Trip meter mileage: 181.7km

Amount of fuel consumed: 10.62ℓ

$$181.70 \div 10.62 = 17.11 \text{ km/ℓ}$$

1 bottle of GEONE F0-2 injected

Return Route :

Eneos Self Saiki SS (Oita) ⇒ Esso Self Sone Filling Station (Kitakyusyu)

Trip meter mileage: 182.90km

Amount of fuel consumed: 9.38ℓ

$$182.90 \div 9.38 = 19.50 \text{ km/ℓ}$$

Fuel economy **2.39km/ℓ Up**

