



HEALTH REPORT

HEALTH REPORT



Customer name

PAUL POPOTE MAINA KDM 034

U 0722227469

VIN

JAAN1R81MN7100657

Travel distance

1,156 km



Good



Attention



Careful Attention

Timing Of Next Recommended Inspection

Recommended
inspection interval

10/19/2023

Travel distance
(estimate)

11,156 km

This vehicle is classified as a Traffic Congestion/Slow Travel type. First, check the stop count and please confirm brake usage. Additionally, battery damage due to poor charging is possible. In the event of frequent traveling on rough/dusty roads, please increase the inspection frequency of air filter elements and lubrication of required areas in addition to the above. For vehicles that are equipped with DPD (DPF) in particular, extreme use of the DPD (DPF) system may impact the fuel economy. However, if the vehicle allows manual regeneration, proactively operating the manual regeneration can reduce the load on the DPD (DPF). Also, if you sense something wrong with the DPD (DPF), we recommend that you get an early inspection, to reduce the cost of vehicle failure.

Severity Condition Summary



Vehicle operation type



Trailer



Mountain travel



Operation in cold areas



Inspection items on this vehicle



N/A



N/A



N/A



N/A



N/A



N/A



N/A



N/A



N/A

* The necessary maintenance items vary depending on the vehicle. For details, be sure to refer to the Owner's Manual.

Summary Of Vehicle Operation



Fuel economy



Exhaust brake operation



Accelerator pedal operation (acceleration)



Accelerator pedal operation (accelerator position)



Recent fuel economy


3.25 km/liter

Fuel Consumed

356 liter



General Information

Items		Data
Customer name		PAUL POPOTE MAINA KDM 034U 0722227469
Number of vehicles in possession		TF/UC: 0, N: 1, C/E: 0, F/G: 0, Bus: 0
VIN		JAAN1R81MN7100657
Travel distance		1,156 km
Total times data has been acquired		2
Date of report		9/2/2023, 11:40:04 AM
	Rear body type	Box
Equipment Installed	PTO	No
	DPD (DPF)	No

Analysis points

Production

1st time



Date of data acquisition

Production

09/02/2023

Travel distance

0 km

1,156 km



Timing Of Next Recommended Inspection

Timing of recommended maintenance



General



Inspection Date 09/02/2023
Travel distance 1,156 km
Duration of PTO operation 0 hrs.

Inspection Date 10/19/2023
Travel distance (estimate) 11,156 km

Inspection Date	10/19/2023	The recommended date for the vehicle's next inspection is written to the left.				
R/I/* (Recommended inspection interval)	10,000	⋮	km	90	⋮	days
This vehicle's R/I/*	10,000	⋮	km	47	⋮	days
Yearly travel distance (estimate)	77,046 km	The yearly travel distance for this vehicle is written to the left. The next appropriate recommended inspection date is informed based on this value.				



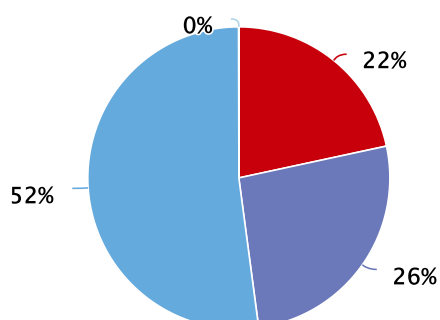
Vehicle Operation Type

This vehicle is classified as a Traffic Congestion/Slow Travel type. First, check the stop count and please confirm brake usage. Additionally, battery damage due to poor charging is possible. In the event of frequent traveling on rough/dusty roads, please increase the inspection frequency of air filter elements and lubrication of required areas in addition to the above. For vehicles that are equipped with DPD (DPF) in particular, extreme use of the DPD (DPF) system may impact the fuel economy. However, if the vehicle allows manual regeneration, proactively operating the manual regeneration can reduce the load on the DPD (DPF). Also, if you sense something wrong with the DPD (DPF), we recommend that you get an early inspection, to reduce the cost of vehicle failure.



Breakdown of engine operation hours

Classification result **Traffic congestion/slow travel**



Idling (5 min or more)	22 %
Traffic congestion/slow travel	26 %
General travel	52 %
Fast travel	0 %

Vehicle operation time	70 hrs
PTO operation time	0 hrs
PTO operation ratio	0 %



Fuel Economy And Running Cost

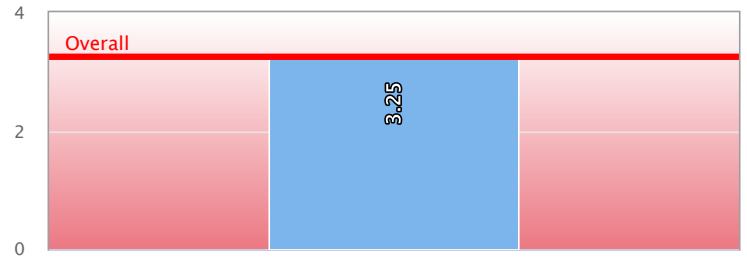
Not enough data to compare. Fuel Consumption Data is as listed below. This data can be compared with previous reports if the Health Report was produced multiple times in the past.



Recent fuel economy

3.25
km/liter

Fuel price 175.1 (KSH/ liter)



	Overall	1st time
Fuel economy (km/liter)	3.25	3.25
Fuel cost (KSH/ km)	53.94	53.94
Travel distance (km)	1,156.42	1,156.42



Mountain Travel

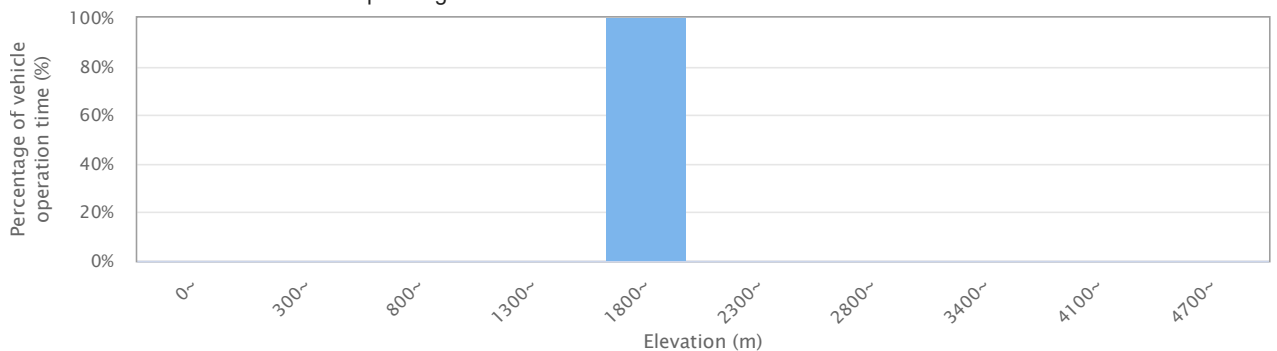
The distribution of operating elevations for this vehicle is within the typical range. Get inspections and maintenance according to the other report items and the Owner's Manual.



Extensive driving on mountain roads (anticipated)

No

Distribution of vehicle operating elevations



Operation In Cold Areas

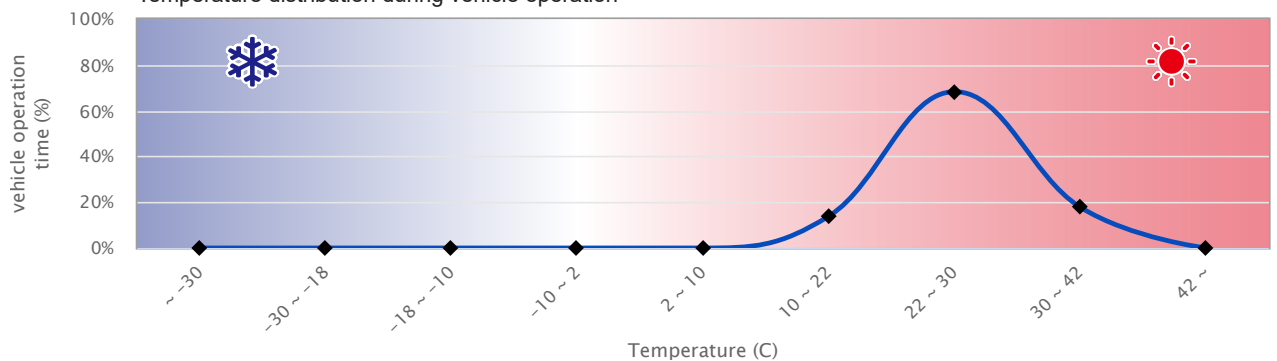
The temperature distribution during operation of this vehicle is within the typical range. The vehicle must be inspected and maintained according to the other items on this report and the Owner's Manual.



Operation in cold climate areas

No

Temperature distribution during vehicle operation





Exhaust Brake Operation

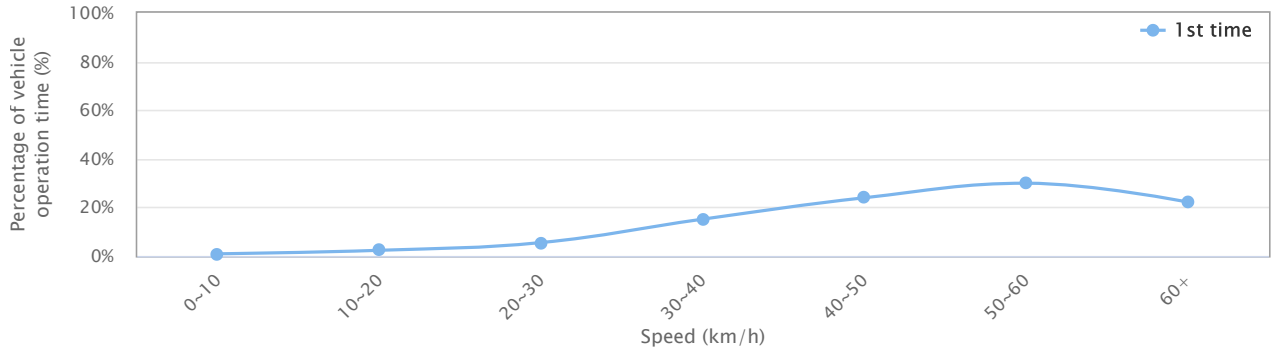
The usage of the exhaust brake for this vehicle is within the typical range. Use of exhaust brake is effective for safe driving and preserving the foot brakes so it should be used frequently. And to prevent impacting the fuel economy with use, be diligent in flipping the switch on and off.



Number of times of exhaust brake operation

1661 times

Distribution of exhaust brake operation ratio at each speed level



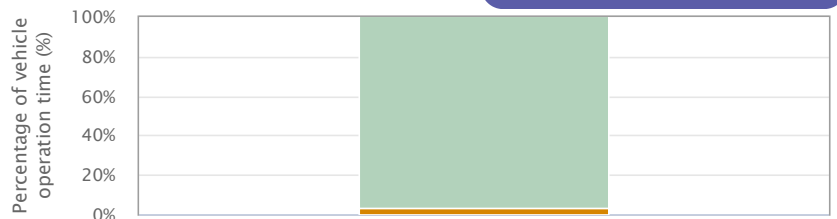
Accelerator Pedal Operation (Acceleration)

The distribution of acceleration for this vehicle is within the typical range. Get inspections and maintenance according to the other report items and the Owner's Manual.



Recent number of times of sudden acceleration

23 Times



Distribution of acceleration A/O* (Acceleration Operation)

A/O* not sensed by passenger
A/O* not discomforting to passenger
Sudden acceleration
Total acceleration (times)
Total sudden acceleration (times)

1st time
96.54%
3.44%
0.02%
92,835
23



Accelerator Pedal Operation (Accelerator Position)

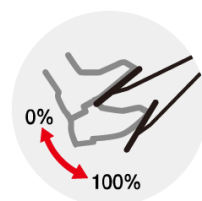
The ideal acceleration operation should follow the dotted line for fuel-efficient driving. Acceleration operation improvement is necessary for fuel-efficient driving. Keep the accelerator level as small as possible, and if using a manual transmission vehicle, shift up quickly to improve fuel efficiency.



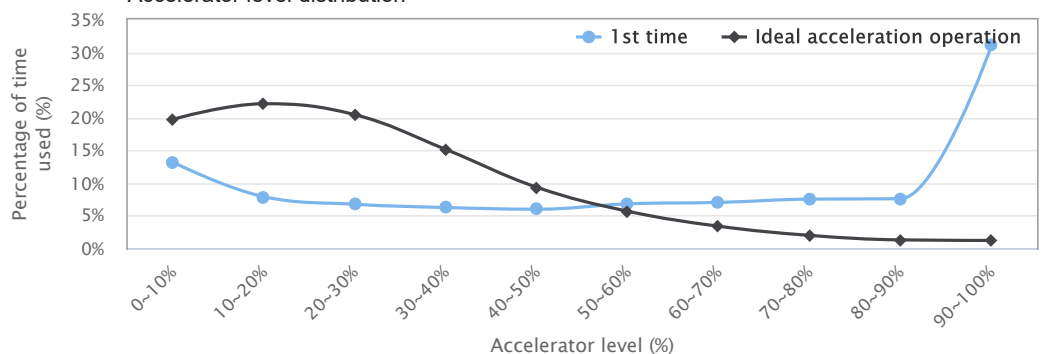
How the accelerator pedal is used

High possibility for improvement

Illustration



Accelerator level distribution





KENYA COACH INDUSTRIES LTD

East Gate Road, Off Mombasa Road
PO Box 18354 Nairobi Kenya
Tel: +254 20 553 770 Mob: +254 722 237 231
Email: info@kci.co.ke Website: www.kci.co.ke



Routine Check

Belts

Check for any stretching, cracks, and damage of belts.

☐ OK ☐

Wipers

Check that wipers operate correctly without noise. Check links for looseness and vibration.

☐ OK ☐

Engine leaks

Check heater hoses, radiator rubber hoses, and their attachments for leaks and related damage. Check the water pump for leaks.

☐ OK ☐

Tire tread

Check tires for abnormal wear, damage and tire tread.

☐ OK ☐

Other

☐ OK ☐

Clutch

Check clutch pedal play and the clutch fluid amount.

☐ OK ☐

Battery

Check the battery fluid level. Allow starter to rotate to check if engine starts and runs normally.

☐ OK ☐

Shift rod

Check ball joints for any knocking. Check boots for any cracking. Check lock nuts for looseness.

☐ OK ☐

Condensation of water in air tank

Pull the drain cock ring and check the amount of drainage.

☐ OK ☐

MEMO

Date of check

Company name
