



HEALTH REPORT

HEALTH REPORT



Customer name

JAMES KARANJA KDH 022V 07
22746929

VIN

JALFVZ34NK7000550

Travel distance

54,204 km



Good



Attention



Careful Attention

Timing Of Next Recommended Inspection

Recommended
inspection interval

11/05/2023

Travel distance
(estimate)

64,204 km

This vehicle is classified as a General Travel type. Normal usage is anticipated. Refer to the other report items, and continue to carry out the scheduled maintenance.

Severity Condition Summary



Vehicle operation type



Trailer



Start/stop frequency



Mountain travel



Operation in cold areas



Inspection items on this vehicle



Engine system: engine oil, engine oil filter, fuel filter, air cleaner element, exhaust brake



Transmission/transfer gear oil, clutch fluid, automatic transmission fluid



Brake lining wear, brake drum wear or damage, disc brake pad wear, brake disc wear



Exhaust pipe and mounting looseness



Universal joint wear and spline of propeller shaft



Differential gear oil, rear wheel hub bearing oil



Steering linkage damage to loose or excessive play, king pin



Leaf spring U-bolt nut, air suspension's beam bolt nuts/ U-bolt nuts



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



Brake pedal operation



Exhaust brake operation



Accelerator pedal operation (acceleration)



Accelerator pedal operation (accelerator position)



Recent fuel economy


2.25 km/liter






Fuel Consumed

24143 liter



General Information

Items		Data
Customer name		JAMES KARANJA KDH 022V 0722746929
Number of vehicles in possession		TF/UC: 0, N: 0, C/E: 0, F/G: 1, Bus: 0
VIN		JALFVZ34NK7000550
Travel distance		54,204 km
Total times data has been acquired		5
Date of report		8/15/2023, 10:43:25 AM
	Rear body type	Trailer
Equipment Installed	PTO	No
	DPD (DPF)	No

Analysis points	Production	1st time	2nd time	3rd time	4th time
					
Date of data acquisition	Production	06/17/2022	11/10/2022	05/23/2023	08/15/2023
Travel distance	0 km	1,778 km	22,368 km	44,867 km	54,204 km



Timing Of Next Recommended Inspection

Timing of recommended maintenance



Inspection Date 08/15/2023
Travel distance 54,204 km
Duration of PTO operation 0 hrs.

Inspection Date 11/05/2023
Travel distance (estimate) 64,204 km

Inspection Date	11/05/2023	The recommended date for the vehicle's next inspection is written to the left.				
R/i/i* (Recommended inspection interval)	10,000	⋮	km	90	⋮	days
This vehicle's R/i/i*	10,000	⋮	km	82	⋮	days
Yearly travel distance (estimate)	44,317 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.				



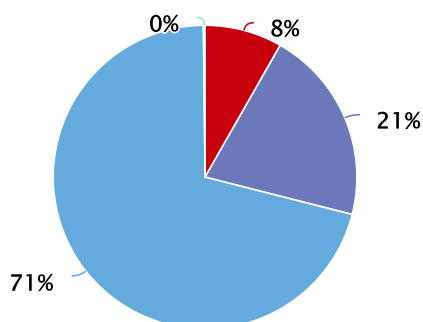
Vehicle Operation Type

This vehicle is classified as a General Travel type. Normal usage is anticipated. Refer to the other report items, and continue to carry out the scheduled maintenance.



Breakdown of engine operation hours

Classification result **General travel**



	Idling (5 min or more)	8 %
	Traffic congestion/slow travel	21 %
	General travel	71 %
	Fast travel	0 %

Vehicle operation time	2,953 hrs
PTO operation time	0 hrs
PTO operation ratio	0 %



Fuel Economy And Running Cost

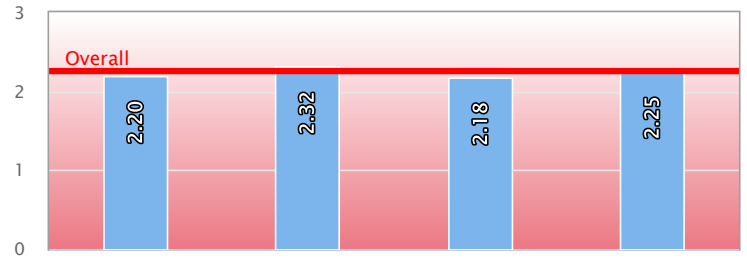
The fuel economy between each analysis point is displayed. Compared to last time, fuel economy has improved. Running costs can keep being reduced by paying attention to fuel-efficient driving.



Recent fuel economy

2.25
km/liter

Fuel price 175.1 (KSH/ liter)



	Overall	1st time	2nd time	3rd time	4th time
Fuel economy (km/liter)	2.25	2.20	2.32	2.18	2.25
Fuel cost (KSH/ km)	77.97	79.48	75.46	80.28	77.64
Travel distance (km)	54,204.42	1,778.31	20,590.16	22,498.58	9,337.37



Start/Stop Frequency

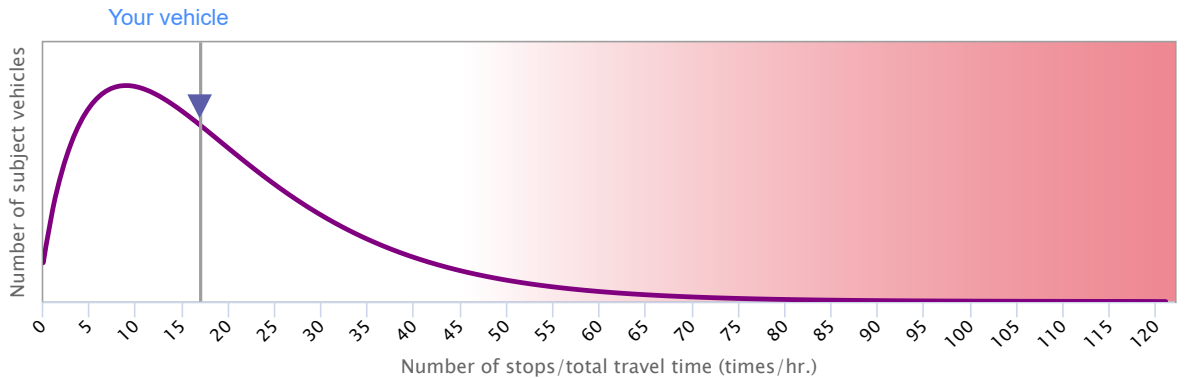
The number of stops for this vehicle is within the typical range. Get the appropriate inspections and maintenance according to the other report items and the Owner's Manual.



Number of stops per hour of driving

Number of stops per driven hour

17.0 Times/hr.



Mountain Travel

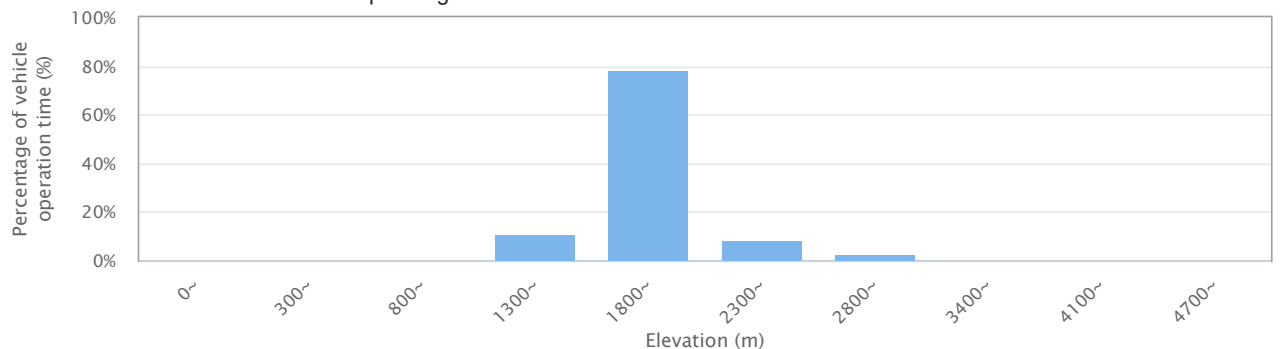
Since this vehicle shows wider range in the distribution of operating elevations, it may be driving extensively on mountain roads. When driving often on mountain roads, we recommend more frequent maintenance and inspections of the exhaust system, transmission, and brakes than the normal schedule.



Extensive driving on mountain roads (anticipated)

Yes

Distribution of vehicle operating elevations





Operation In Cold Areas

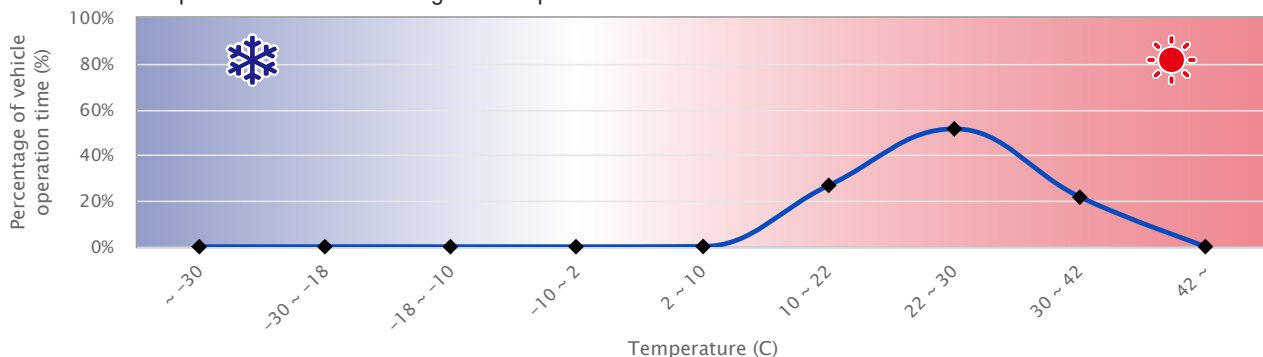
The temperature distribution during operation of this vehicle is within the typical range. The vehicle must be inspected and maintained according to the other items on this report and the Owner's Manual.



Operation in cold climate areas

No

Temperature distribution during vehicle operation



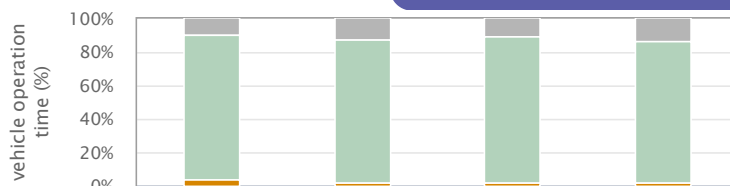
Brake Pedal Operation

The brake use 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 braking

162 times



Distribution of brake operation

	Depressing accelerator and brake pedal in acceleration
	Brake operation not sensed by passenger
	Brake operation not discomforting to passenger
	Sudden brake operation
Total braking (times)	
Total sudden braking (times)	

	1st time	2nd time	3rd time	4th time
Depressing accelerator and brake pedal in acceleration	9.97%	12.15%	10.12%	13.06%
Brake operation not sensed by passenger	86.60%	85.83%	87.65%	85.18%
Brake operation not discomforting to passenger	3.12%	1.83%	1.97%	1.57%
Sudden brake operation	0.31%	0.18%	0.27%	0.19%
Total braking (times)	2,889	23,994	104,710	83,218
Total sudden braking (times)	9	44	278	162



Exhaust Brake Operation

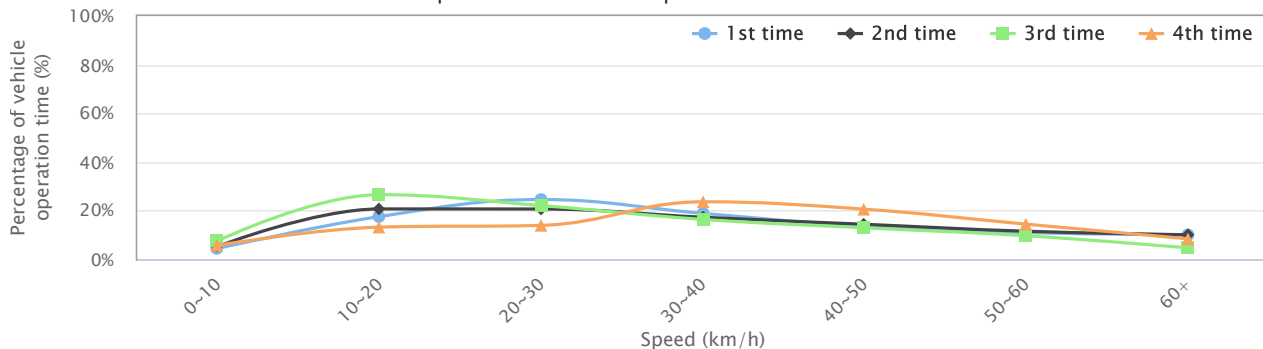
The usage of the exhaust brake for this vehicle is within the typical range. Use of exhaust brake is effective for safe driving and preserving the foot brakes so it should be used frequently. And to prevent impacting the fuel economy with use, be diligent in flipping the switch on and off.



Number of times of exhaust brake operation

224227 times

Distribution of exhaust brake operation ratio at each speed level





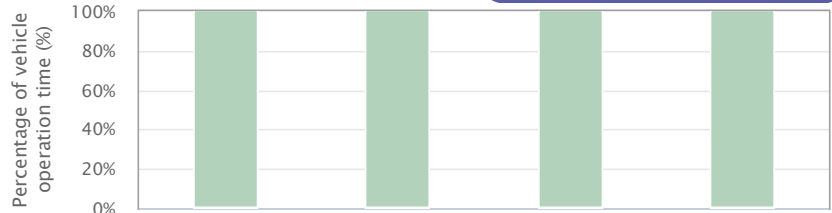
Accelerator Pedal Operation (Acceleration)

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

74 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	2nd time	3rd time	4th time
99.04%	99.45%	99.41%	99.57%
0.96%	0.54%	0.58%	0.42%
0.00%	0.01%	0.00%	0.01%
139,065	1,687,584	2,501,862	1,276,073
6	103	98	74



Accelerator Pedal Operation (Accelerator Position)

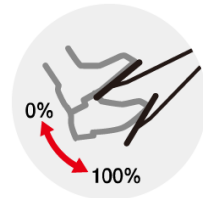
The ideal acceleration operation should follow the dotted line for fuel-efficient driving. The accelerator level is being kept small, and driving proficiency is apparent. For good fuel efficiency, continue to operate the vehicle this way.



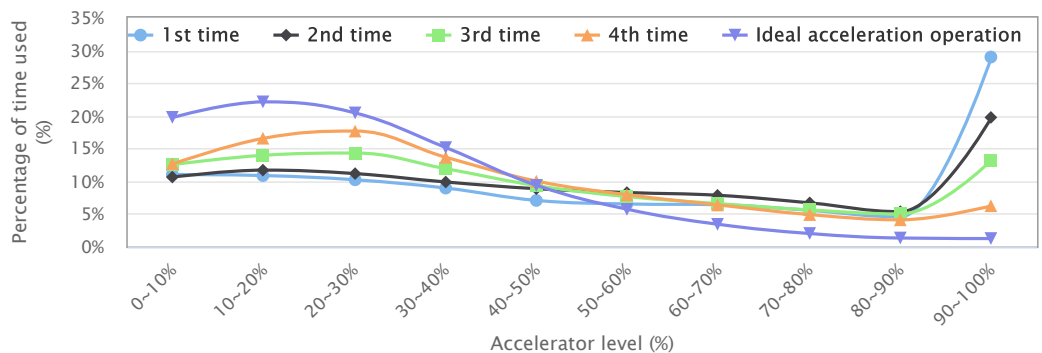
How the accelerator pedal is used

Good

Illustration



Accelerator level distribution



Dealer Information

ISUZU

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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	