



National Inspection Services

Report: 284855

01/20/2025

Commercial Credit Group, Inc (Mark Wenzel)
525 N Tryon Street, Charlotte, NC 28202 USA
(704) 414-2456

VIN: 1NK1X4EX2MJ453872

Stock #: 15189

2021 KENWORTH W990

SPECIFICATIONS	
MILEAGE	124,850 / 124,491 (ECM)
ENGINE HOURS	7,400
ENGINE	CUMMINS X15 14.9L 565 HP
ENG BRAKE	YES
ENG SERIAL	80268658
FUEL / TANKS	DIESEL - 1 STEEL 150 GAL TOTAL
TRANSMISSION	ALLISON 4500 RDS 6 SPD AUTO
DRIVE OPTS	POWER STEERING, OVERDRIVE, CRUISE
REAR END	SPICER 3.91
AXLE TYPE	TRI - F 22,000 LB / R 58,000 LB
GVWR	80,000
FRAME	STEEL
SUSPENSION	SPRING
WHEELBASE	331"
TIRE SIZE	F 425/65 22.5 / R 11R22.5
WHEELS	F ALUMINUM / R ALUMINUM
AIR COND	YES, OPERATIONAL
INTERIOR COLOR	GREY
RADIO	AM/FM, OPERATIONAL
MIRRORS	DUAL POWER
HIGH BACK SEATS	DRIVER SIDE ONLY
PASSENGER SEAT	STATIONARY
EXTERIOR COLOR	WHITE
BUMPER	CHROME
EXTERIOR OPTS	HEATED MIRRORS



BRAKES	
LEFT FRONT	RIGHT FRONT
DISC	DISC
LEFT REAR 1	RIGHT REAR 1
COVERED	COVERED
LEFT REAR 2	RIGHT REAR 2
COVERED	COVERED
LEFT REAR 3	RIGHT REAR 3
COVERED	COVERED
ADDITIONAL BRAKE DETAIL	
DISC BRAKES IN FRONT, BRAKE DRUMS COVERED IN REAR	

TIRES & WHEELS			
LEFT FRONT		RIGHT FRONT	
15 / 32 BRIDGESTONE ALUMINUM		17 / 32 BRIDGESTONE ALUMINUM	
LEFT OUTER 1	LEFT INNER 1	RIGHT INNER 1	RIGHT OUTER 1
15 / 32 KELLY ALUMINUM	16 / 32 KELLY ALUMINUM	15 / 32 KELLY ALUMINUM	16 / 32 KELLY ALUMINUM
LEFT OUTER 2	LEFT INNER 2	RIGHT INNER 2	RIGHT OUTER 2
5 / 32 MICHELIN ALUMINUM	19 / 32 MICHELIN ALUMINUM	13 / 32 BRIDGESTONE ALUMINUM	21 / 32 BRIDGESTONE ALUMINUM
LEFT OUTER 3	LEFT INNER 3	RIGHT INNER 3	RIGHT OUTER 3
17 / 32 KELLY ALUMINUM	7 / 32 KELLY ALUMINUM	12 / 32 - ALUMINUM	13 / 32 - ALUMINUM
FRONT TIRES: 425/65 22.5		REAR TIRES: 11R22.5	

GENERAL OBSERVATIONS

OIL MILKY?	NO	LIGHTS WORK?	YES - ALL
OIL LEAKS?	NO	WIPERS WORK?	YES
WATER LEAKS?	NO	GAUGES WORK?	YES - ALL
OIL IN COOLANT?	NO	AIR HORN WORKS?	YES
CLUTCH PLAY?	NA	CITY HORN WORKS?	YES
STARTS?	YES		

DRIVES	YES	DIESEL PARTICULATE FILTER	FAIL
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ADDITIONAL OBSERVATIONS	
DPF FAIL: SPN 4765 FMI 2 - AFT 1 DOC INTAKE GAS TEMPERATURE DATA ERRATIC, INTERMITTENT OR INCORRECT.	

WEAR & TEAR DETAIL	
DIAGNOSTIC REPORT	CHECK ENGINE LIGHT IS ON. 2 ACTIVE FAULTS / 2 INACTIVE FAULTS FOUND - (SEE ECM REPORT)
SHOCKS	RUSTED IN REAR
STORAGE COMPARTMENT	REAR LEFT SIDE BENT AT BOTTOM IN REAR
SHOCKS	LEAKING IN REAR
PAINT	CHIPPED IN MULTIPLE SPOTS
TIRES	1 WORN BELOW 10/32.

REPORT PHOTOS







REPORT DOCUMENTS

Condition report only. National Inspection Services does not guarantee mechanical reliability.

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 101 W. Shrader St. Liberty, MO 64068
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DIAGNOSTIC REPORT

VIN: 1NK1X4EX2MJ453872

Model Year: 2021

Manufacturer: Kenworth

COMPONENT	FAULT CODES	4 TOTAL / 2 ACTIVE / 2 INACTIVE
ENGINE #1 - J1939	ACTIVE FAULT CODES (2)	
Vehicle Make: Cummins	Fault Description: ECU Power Output Supply Voltage #1	SPN 3597
ECM Serial Number: 80268658	FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
ECM Model: 6X3u17D1500000000	Count: 2	
VIN: 1NK1X4EX2MJ453872	Fault Description: AFT 1 DOC Intake Gas Temperature	SPN 4765
	FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
	Count: 1	
	INACTIVE FAULT CODES (1)	
	Fault Description: Undefined	SPN 7854
	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 0	
BRAKES - SYSTEM	ACTIVE FAULT CODES (0)	
Vehicle Make: N/A	None	
ECM Serial Number: N/A	INACTIVE FAULT CODES (1)	
ECM Model: N/A	Fault Description: Battery Potential / Power Input 1	SPN 168
VIN: N/A	FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
	Count: 4	
TRANSMISSION #1 - J1939	ACTIVE FAULT CODES (0)	
Vehicle Make: N/A	None	
ECM Serial Number: N/A	INACTIVE FAULT CODES (0)	
ECM Model: N/A	None	
VIN: N/A	None	
CAB CONTROLLER -	ACTIVE FAULT CODES (0)	
ECM Serial Number:	None	
ECM Model:	INACTIVE FAULT CODES (0)	
	None	
MANAGEMENT COMPUTER #1	ACTIVE FAULT CODES (0)	
ECM Serial Number:	None	
ECM Model:	INACTIVE FAULT CODES (0)	
	None	
UNKNOWN/RESERVED (SA	ACTIVE FAULT CODES (0)	

DIAGNOSTIC REPORT

VIN: 1NK1X4EX2MJ453872

Model Year: 2021

Manufacturer: Kenworth

COMPONENT	FAULT CODES	4 TOTAL / 2 ACTIVE / 2 INACTIVE
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ECM Serial Number:	None
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ECM Model:	INACTIVE FAULT CODES (0)
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None

RETARDER - ENGINE - J1939	ACTIVE FAULT CODES (0)
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ECM Serial Number:	None
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ECM Model:	INACTIVE FAULT CODES (0)
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None

UNKNOWN/RESERVED (SA	ACTIVE FAULT CODES (0)
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ECM Serial Number:	None
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ECM Model:	INACTIVE FAULT CODES (0)
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None

PARAMETERS

ENGINE #1 - J1939

Rated Horsepower	565 BHP	Engine Rated RPM	Not Available
MIL Status	On, don't flash	Fuel Level	Not Available
Battery Voltage	14.00 V	Ignition Voltage	Not Available
Engine RPM	600 RPM	Vehicle Speed	0 mph
Throttle Position	0 %	Brake Switch	N/A
Clutch Switch	N/A	Engine Operating State	Engine Stopped
Engine Intake Air Temperature	Not Available	Engine Intake Air Pressure	Not Available
Barometric Pressure	14.36 psi	Coolant Level	100 %
Coolant Temperature	75.2 °F	Oil Level	Not Available
Oil Temperature	74.4 °F	Oil Pressure	28.4 psi
DPF Status	Regen not Needed	Regen Status	N/A
DPF Active Regen Inhibited Status	Inhibited	DPF Active Regen Inhibited Due to Inhibit Switch	Not Inhibited
DPF Regen Inhibit Switch	N/A	DPF Regen Force Switch	N/A
Exhaust Temperature 1	53.2 °F	Exhaust Temperature 2	Not Available
Exhaust Temperature 3	Not Available	DPF Intake Temperature	246.0 °F
DPF Outlet Temperature	213.4 °F	DPF Differential Pressure	0 psi

BRAKES - SYSTEM CONTROLLER - J1939

Battery Voltage	N/A	Ignition Voltage	N/A
Vehicle Speed	N/A	Brake Switch	N/A
Primary Pressure	N/A	Secondary Pressure	N/A

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TRANSMISSION #1 - J1939

Battery Voltage	N/A	Ignition Voltage	N/A
Input Shaft Speed	545 RPM	Output Shaft Speed	0 RPM
Oil Level	Not Available	Oil Life Remaining	N/A
Oil Temperature	67.4 °F	Service Indicator	N/A
Range Selected	N/A	Range Attained	N/A

LIFE DATA

ENGINE #1 - J1939

Distance	124491.87 mi	Hours	7400.15 hr
Fuel Used	33751.7 gal	Average Fuel Economy	N/A
Engine Idle Hours	626.10 hr	Engine Idle Fuel Used	768.5 gal
PTO Hours	4251.00 hr	PTO Fuel Used	10217.3 gal
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	81.0 gal		

TRIP DATA

ENGINE #1 - J1939

Distance	124492.88 mi	Fuel Used	33751.0 gal
Average Fuel Rate	4.56 gal/hr	Idle Time	N/A
Vehicle Idle Fuel Used	768.5 gal	Cruise	N/A
Cruise Fuel Used	2046.1 gal	DPF Active Regen Time	N/A
DPF Number of Active Regens	N/A	DPF Used	N/A
Vehicle Speed Limit	64 mph	Cruise Control Speed Limit	64 mph