



National Inspection Services

Report: 284854

01/20/2025

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

VIN: 1NKZX4EX2MJ432202

Stock #: 15187

2021 KENWORTH T880

SPECIFICATIONS	
KILOMETERS	217,021 / 217,021 (ECM)
ENGINE HOURS	9,134
ENGINE	CUMMINS X15 14.9L 450 HP
ENG BRAKE	YES
ENG SERIAL	80238583
FUEL / TANKS	DIESEL - 1 STEEL 150 GAL TOTAL
TRANSMISSION	ALLISON 4000 RDS 6 SPD AUTO
DRIVE OPTS	POWER STEERING, OVERDRIVE, CRUISE
REAR END	MERITOR 4.30
AXLE TYPE	TRI - F 20,000 LB / R 58,350 LB
GVWR	78,350
FRAME	STEEL
SUSPENSION	WALKING BEAM
WHEELBASE	307"
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 / CD, OPERATIONAL
MIRRORS	DUAL POWER
HIGH BACK SEATS	DUAL
PASSENGER SEAT	AIR RIDE
EXTERIOR COLOR	WHITE
BUMPER	CHROME
EXTERIOR OPTS	HEATED MIRRORS



BRAKES	
LEFT FRONT	RIGHT FRONT
28	28
LEFT REAR 1	RIGHT REAR 1
26	26
LEFT REAR 2	RIGHT REAR 2
28	28
LEFT REAR 3	RIGHT REAR 3
28	28






































TIRES & WHEELS			
LEFT FRONT		RIGHT FRONT	
15 / 32 FALKEN ALUMINUM		14 / 32 BRIDGESTONE ALUMINUM	
LEFT OUTER 1	LEFT INNER 1	RIGHT INNER 1	RIGHT OUTER 1
20 / 32 TOYO ALUMINUM	20 / 32 TOYO ALUMINUM	20 / 32 BRIDGESTONE ALUMINUM	14 / 32 BRIDGESTONE ALUMINUM
LEFT OUTER 2	LEFT INNER 2	RIGHT INNER 2	RIGHT OUTER 2
20 / 32 BRIDGESTONE ALUMINUM	6 / 32 BRIDGESTONE ALUMINUM	25 / 32 KELLY ALUMINUM	20 / 32 KELLY ALUMINUM
LEFT OUTER 3	LEFT INNER 3	RIGHT INNER 3	RIGHT OUTER 3
18 / 32 BRIDGESTONE ALUMINUM	19 / 32 BRIDGESTONE ALUMINUM	13 / 32 CONTINENTAL ALUMINUM	19 / 32 CONTINENTAL 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	PASS
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WEAR & TEAR DETAIL	
DIAGNOSTIC REPORT	2 ACTIVE FAULTS / 5 INACTIVE FAULTS FOUND - (SEE ECM REPORT)
BUMPER	BENT
STEP	BENT AT BOTTOM ON DRIVER SIDE
PAINT	SCRATCHED IN MULTIPLE SPOTS
SEATS	DRIVER SEAT WILL NOT RISE
WINDOW	PASSENGER WINDOW WONT ROLL DOWN
DOOR	BUTTONS MISSING FROM PASSENGER DOOR
GLOVE BOX	HANDLE MISSING
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: 1NKZX4EX2MJ432202

Model Year: 2021

Manufacturer: Kenworth

COMPONENT	FAULT CODES	7 TOTAL / 2 ACTIVE / 5 INACTIVE
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ENGINE #1 - J1939	ACTIVE FAULT CODES (1)
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Vehicle Make: Cummins	Fault Description: ECU Power Output Supply Voltage #1	SPN 3597
ECM Serial Number: 80238583	FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
ECM Model: 6X1u20D1500000000	Count: 9	
VIN: 1NKZX4EX2MJ432202		

INACTIVE FAULT CODES (4)

Fault Description: Engine Injector Metering Rail 1 Pressure	SPN 157
FMI Description: Data Valid but below Normal Operating Range - Moderately Severe Level	FMI: 18
Count: 3	

Fault Description: ECL	SPN 111
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 3	

Fault Description: ECL	SPN 111
FMI Description: Data Valid but below Normal Operating Range - Moderately Severe Level	FMI: 18
Count: 41	

Fault Description: AFT 1 Intake NOx	SPN 3216
FMI Description: Data Drifted High	FMI: 20
Count: 0	

BRAKES - SYSTEM	ACTIVE FAULT CODES (0)
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Vehicle Make: N/A	None
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ECM Serial Number: N/A	
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ECM Model: N/A	
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VIN: N/A	
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INACTIVE FAULT CODES (1)

Fault Description: Battery Potential / Power Input 1	SPN 168
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 6	

TRANSMISSION #1 - J1939	ACTIVE FAULT CODES (0)
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Vehicle Make: N/A	None
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ECM Serial Number: N/A	
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ECM Model: N/A	
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VIN: N/A	
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INACTIVE FAULT CODES (0)

None

CAB CONTROLLER -	ACTIVE FAULT CODES (1)
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DIAGNOSTIC REPORT

VIN: 1NKZX4EX2MJ432202

Model Year: 2021

Manufacturer: Kenworth

COMPONENT	FAULT CODES	7 TOTAL / 2 ACTIVE / 5 INACTIVE
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ECM Serial Number:	Fault Description: Battery Potential / Power Input 1	SPN 168
ECM Model:	FMI Description: Data Valid but above Normal Operational Range - Most Severe Level Count: 2	FMI: 0

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)

ECM Serial Number:	None
ECM Model:	

INACTIVE FAULT CODES (0)

None

RETARDER - ENGINE - J1939 ACTIVE FAULT CODES (0)

ECM Serial Number:	None
ECM Model:	

INACTIVE FAULT CODES (0)

None

PARAMETERS

ENGINE #1 - J1939

Rated Horsepower	451 BHP	Engine Rated RPM	Not Available
MIL Status	Off	Fuel Level	Not Available
Battery Voltage	13.75 V	Ignition Voltage	Not Available
Engine RPM	801 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	14.2 psi
Barometric Pressure	14.36 psi	Coolant Level	100 %
Coolant Temperature	179.6 °F	Oil Level	Not Available
Oil Temperature	179.3 °F	Oil Pressure	33.6 psi
DPF Status	Regen not Needed	Regen Status	N/A
DPF Active Regen Inhibited Status	Not Inhibited	DPF Active Regen Inhibited Due to Inhibit Switch	Not Inhibited

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ENGINE #1 - J1939

DPF Regen Inhibit Switch	N/A	DPF Regen Force Switch	N/A
Exhaust Temperature 1	267.2 °F	Exhaust Temperature 2	Not Available
Exhaust Temperature 3	Not Available	DPF Intake Temperature	266.2 °F
DPF Outlet Temperature	261.7 °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

TRANSMISSION #1 - J1939

Battery Voltage	N/A	Ignition Voltage	N/A
Input Shaft Speed	792 RPM	Output Shaft Speed	0 RPM
Oil Level	Not Available	Oil Life Remaining	N/A
Oil Temperature	168.6 °F	Service Indicator	N/A
Range Selected	N/A	Range Attained	N/A

LIFE DATA

ENGINE #1 - J1939

Distance	134851.09 mi	Hours	9134.15 hr
Fuel Used	37519.7 gal	Average Fuel Economy	N/A
Engine Idle Hours	2413.30 hr	Engine Idle Fuel Used	1912.7 gal
PTO Hours	3859.20 hr	PTO Fuel Used	10362.7 gal
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	0.0 gal		

TRIP DATA

ENGINE #1 - J1939

Distance	134851.40 mi	Fuel Used	37519.7 gal
Average Fuel Rate	4.11 gal/hr	Idle Time	N/A
Vehicle Idle Fuel Used	1912.7 gal	Cruise	N/A
Cruise Fuel Used	346.2 gal	DPF Active Regen Time	N/A
DPF Number of Active Regens	N/A	DPF Used	N/A
Vehicle Speed Limit	75 mph	Cruise Control Speed Limit	70 mph