



# National Inspection Services

Report: 284856

01/20/2025

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

VIN: 1NKZX7EX7JJ196935

Stock #: 15190

## 2018 KENWORTH T880

SPECIFICATIONS	
MILEAGE	162,295 / 162,295 (ECM)
ENGINE HOURS	12,326
ENGINE	CUMMINS ISX12 11.9L 425 HP
ENG BRAKE	YES
ENG SERIAL	75060033
FUEL / TANKS	DIESEL - 1 STEEL 150 GAL TOTAL
TRANSMISSION	EATON-FULLER FRO-16210C 10 SPD MANUAL
DRIVE OPTS	POWER STEERING, OVERDRIVE, CRUISE
REAR END	MERITOR 4.10
AXLE TYPE	TRI - F 20,000 LB / R 58,350 LB
GVWR	78,350
FRAME	STEEL
SUSPENSION	SPRING
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, OPERATIONAL
MIRRORS	DUAL POWER
HIGH BACK SEATS	DUAL
PASSENGER SEAT	STATIONARY
EXTERIOR COLOR	WHITE
BUMPER	CHROME
EXTERIOR OPTS	HEATED MIRRORS



## NOTES / DESCRIPTION

CHECK ENGINE LIGHT ON

BRAKES	
<b>LEFT FRONT</b>	<b>RIGHT FRONT</b>
28	28
<b>LEFT REAR 1</b>	<b>RIGHT REAR 1</b>
26	24
<b>LEFT REAR 2</b>	<b>RIGHT REAR 2</b>
28	26
<b>LEFT REAR 3</b>	<b>RIGHT REAR 3</b>
24	24

TIRES & WHEELS			
<b>LEFT FRONT</b>		<b>RIGHT FRONT</b>	
15 / 32 FALKEN ALUMINUM		17 / 32 BRIDGESTONE ALUMINUM	
<b>LEFT OUTER 1</b>	<b>LEFT INNER 1</b>	<b>RIGHT INNER 1</b>	<b>RIGHT OUTER 1</b>
9 / 32 YOKOHAMA ALUMINUM	26 / 32 YOKOHAMA ALUMINUM	24 / 32 - ALUMINUM	16 / 32 - ALUMINUM
<b>LEFT OUTER 2</b>	<b>LEFT INNER 2</b>	<b>RIGHT INNER 2</b>	<b>RIGHT OUTER 2</b>
5 / 32 BRIDGESTONE ALUMINUM	5 / 32 BRIDGESTONE ALUMINUM	20 / 32 FIRESTONE ALUMINUM	17 / 32 FIRESTONE ALUMINUM
<b>LEFT OUTER 3</b>	<b>LEFT INNER 3</b>	<b>RIGHT INNER 3</b>	<b>RIGHT OUTER 3</b>
16 / 32 BRIDGESTONE ALUMINUM	16 / 32 BRIDGESTONE ALUMINUM	16 / 32 HANKOOK ALUMINUM	15 / 32 HANKOOK ALUMINUM
<b>FRONT TIRES:</b> 425/65 22.5		<b>REAR TIRES:</b> 11R22.5	

## GENERAL OBSERVATIONS

<b>OIL MILKY?</b>	NO	<b>LIGHTS WORK?</b>	YES - ALL
<b>OIL LEAKS?</b>	YES	<b>WIPERS WORK?</b>	YES
<b>WATER LEAKS?</b>	NO	<b>GAUGES WORK?</b>	YES - ALL
<b>OIL IN COOLANT?</b>	NO	<b>AIR HORN WORKS?</b>	YES
<b>CLUTCH PLAY?</b>	OK	<b>CITY HORN WORKS?</b>	NO
<b>STARTS?</b>	YES		

DRIVES	YES	DIESEL PARTICULATE FILTER	FAIL
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#### ADDITIONAL OBSERVATIONS

DPF FAIL: SPN 4340 FMI 3 - AFT 1 SCR CATALYST REAGENT LINE HEATER 1, 2 AND 3. STATE VOLTAGE ABOVE NORMAL, OR SHORTED TO HIGH SOURCE. FRONT AND REAR ENGINE SEALS AND OIL PAN GASKET LEAKING OIL.

#### WEAR & TEAR DETAIL

DIAGNOSTIC REPORT	CHECK ENGINE LIGHT IS ON. 4 ACTIVE FAULTS / 2 INACTIVE FAULTS FOUND - (SEE ECM REPORT)
BUMPER	BENT ON PASSENGER SIDE
STEPS	BENT AT BOTTOM ON DRIVER SIDE
FRAME	RUSTING IN REAR
MIRRORS	SIDE MIRROR COVER SCRATCHED ON PASSENGER SIDE
SEATS	UPHOLSTERY TORN, STAINED AND WORN.
TIRES	3 TIRES, WORN BELOW 10/32.

#### REPORT PHOTOS















#### REPORT DOCUMENTS

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

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DIAGNOSTIC REPORT

VIN: 1NKZX7EX7JJ196935  
Model Year: 2018  
Manufacturer: Kenworth

COMPONENT                      FAULT CODES                      6 TOTAL / 4 ACTIVE / 2 INACTIVE

ENGINE #1 - J1939                      ACTIVE FAULT CODES (4)

Vehicle Make: Cummins	Fault Description: Engine Injector Cylinder #01	SPN 651
ECM Serial Number: 75060033	FMI Description: Mechanical System not Responding or out of	FMI: 7
ECM Model: 6X u13D1200000000	Adjustment	
VIN: 1NKZX7EX7JJ196935	Count: 1	

Fault Description: AFT 1 SCR Catalyst Reagent Line Heater 1 State	SPN 4340
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 1	

Fault Description: AFT 1 SCR Catalyst Reagent Line Heater 2 State	SPN 4342
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 1	

Fault Description: AFT 1 SCR Catalyst Reagent Line Heater 3 State	SPN 4344
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 1	

INACTIVE FAULT CODES (2)

Fault Description: ECL	SPN 111
FMI Description: Data Valid but below Normal Operating Range -	FMI: 18
Moderately Severe Level	
Count: 4	

Fault Description: Engine Protection Torque Derate	SPN 1569
FMI Description: Condition Exists	FMI: 31
Count: 4	

RETARDER - ENGINE - J1939                      ACTIVE FAULT CODES (0)

ECM Serial Number:	None
ECM Model:	

INACTIVE FAULT CODES (0)

None

PARAMETERS

ENGINE #1 - J1939

Rated Horsepower	425 BHP	Engine Rated RPM	Not Available
MIL Status	On, don't flash	Fuel Level	54 %
Battery Voltage	13.95 V	Ignition Voltage	Not Available
Engine RPM	603 RPM	Vehicle Speed	0 mph
Throttle Position	0 %	Brake Switch	Released
Clutch Switch	Released	Engine Operating State	Engine Stopped

# DIAGNOSTIC REPORT

VIN: 1NKZX7EX7JJ196935

Model Year: 2018

Manufacturer: Kenworth

## ENGINE #1 - J1939

Engine Intake Air Temperature	Not Available	Engine Intake Air Pressure	Not Available
Barometric Pressure	14.36 psi	Coolant Level	50 %
Coolant Temperature	46.4 °F	Oil Level	Not Available
Oil Temperature	41.8 °F	Oil Pressure	42.4 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	151.1 °F	Exhaust Temperature 2	Not Available
Exhaust Temperature 3	Not Available	DPF Intake Temperature	102.0 °F
DPF Outlet Temperature	91.2 °F	DPF Differential Pressure	0 psi

## LIFE DATA

### ENGINE #1 - J1939

Distance	162295.41 mi	Hours	12326.60 hr
Fuel Used	51135.5 gal	Average Fuel Economy	N/A
Engine Idle Hours	3798.10 hr	Engine Idle Fuel Used	2337.9 gal
PTO Hours	4502.90 hr	PTO Fuel Used	16870.7 gal
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	132.1 gal		

## TRIP DATA

### ENGINE #1 - J1939

Distance	162296.64 mi	Fuel Used	51128.8 gal
Average Fuel Rate	4.15 gal/hr	Idle Time	N/A
Vehicle Idle Fuel Used	2337.9 gal	Cruise	N/A
Cruise Fuel Used	1333.0 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	75 mph