































Component: All		dist		Search		Data Monitor	
Selected	Description	Parameter Value	Units	Component	/	Network Speed	
☐	ASL: Dist. since the end of last r...	837.61	mi	Aftertreatment Control...		15765 (CAN)	
☐	Trip Distance	67,530.93	mi	Engine/CPC		J1939 (High)	
☐	Total Vehicle Distance	67,530.93	mi	Engine/CPC		J1939 (High)	
☒	High Resolution Total Vehicle Dis...	67,530.95	mi	Engine/CPC		J1939 (High)	
☐	High Resolution Trip Distance	67,530.95	mi	Engine/CPC		J1939 (High)	
☐	Aftertreatment 1 SCR Operator ...	0.00	mi	Engine/CPC		J1939 (High)	
☐	Aftertreatment 1 DPF Average ...	142.45	mi	Engine/CPC		J1939 (High)	



Clear Selection



Graph



Add to Data Group



Connector Info



Bus Statistics



FMI Assistance



Fault Status Assistance



Industry Terms



Electrical Tips



Regen Zone Info



EPA Assistance

Close

DPF Derate

No Derate

Regen Zone

0/1

STOP

WARNING

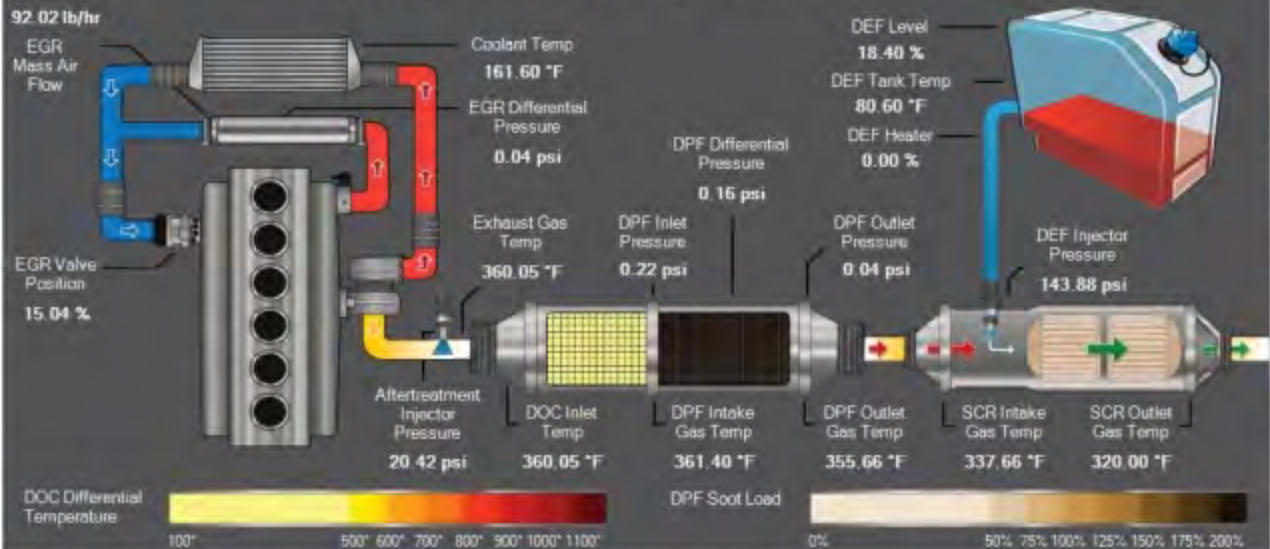
Regen Needed

No

Inhibit State

Inhibited

Click an aftertreatment component for additional information.

Not
RunningStart
DPF Regen

Regen Zone Info

Instructions

Active Regen Time

Bi Directional
Tests

Close



3 Active Fault(s) Present

Consumable Fluid(s) Low

2018 Van Hool Vehicle



Detroit DD13 Engine/CPC



Allison 3000/4000 5th Gen



WABCO E Series ABS E8 6S/6M



Bendix SmartTire™ Standalone TPMS



Bendix SmartTire™ TPMS In-Cab Display



Communications Unit, Cellular



Detroit Aftertreatment Control Module



Detroit Motor Control Module



Retarder - Engine

Vehicle Information

VIN: YZKXJ38XJ381082

Manufacturer: Van Hool

Model: CX

Model Year: 2018

Status	Component	Description	Lookup Code	FMI	Count
	Tire Pressure Controller	Tire Pressure Second Level Pressure Low	SPN 241	1	N/A
	Tire Pressure Controller	Tire Pressure First Level Pressure Low	SPN 241	18	N/A
	Tire Pressure Controller	No Reception For Tire Sensor	SPN 929	12	N/A
	Aftertreatment Control Module	Hydrocarbon (HC) Absorption in the Diesel Particulate Filter (DPF) Very High	SPN 5443	0	1
	Aftertreatment Control Module	Diesel Particulate Filter (DPF) hydrocarbon (HC) absorption warning	SPN 5443	15	2

Clear Faults
 Maintenance or Service Data
 Click to Launch Freeze Frame
 Malfunction Indicator
 Red Stop
 Amber Warning
 Protect



soot



Search

Description	Value	Units
Aftertreatment 1 DPF Soot Load Percent	208.00	%
Aftertreatment 1 DPF Soot Load Regeneration Threshold	20.85	%
AS144: soot load	0.00	lb

Start
DPF Regen
Regen Zone Info
Instructions

Active Regen Time

Bi Directional
Tests

Close

Print Date: May 18, 2011 2:11 pm

VIN	YE2XC81BXJ3081062
Vehicle Make	Van Hool
Model	CX
Model Year	2010

Vehicle Components

Component	Description	Serial Number	Firmware Version	Network
Engine/CPC	Detroit DD15 Engine/CPC	50539173	App_0460	J1939 (High)/15765 (CAN)
Transmission	Allison 3000V8050 5th Gen	BA6384A372500862	WTRSCD_PC_7932 C.17200106C44F	J1939 (High)/15765 (CAN)
Brakes	WABCO E Series ABS 58 6S6M	004005053705	248030622 1.83.1.21	J1939 (High)/15765 (CAN)
Aftertreatment Control Module	Detroit Aftertreatment Control Module	N/A	cam_0x0232	J1939 (High)/15765 (CAN)
Tire Pressure Monitor	Bentley SmartTire [™] Surveillance TPMS	0002811	SMTR APP248.0002 V1.21 8LD048.0084 V1.01 APP248.0081 V1.25 8LD048.0085 V1.00	J1939 (High)
Motor Control Module	Detroit Motor Control Module	N/A	motor_0x08DB	J1939 (High)/15765 (CAN)
In-Cab Display Device	Bentley SmartTire [™] TPMS In-Cab Display	1720111	SMTR-K088857 V1.3	J1939 (High)

Print Date: May 18, 2021 2:11 pm

Vehicle Key Data Points

Parameter Description	Value	Parameter Description	Value
Avg Fuel Econ	6.67 mpg	Idle Fuel Used	Not Available
DPF Soot Level	Low	Total Idle Hrs	1,447.10 hrs
DPF Damage	Low	Idle Shutdown	5.00 min
Total Engine Hrs	2,569.90 hrs	Battery Potential	12.90 volts
Cruise Set Limit	75.00 mph	Road Speed Limit	79.00 mph
Malfunction Indicator Lamp	Off	Red Stop Lamp	On
Amber Warning Lamp	On	Protect Lamp	Off
Parking Brake Switch	On	DPF Lamp Command	Off
Exhaust System High Temp	Off	ABS Control Status	Not Available
ABS Control Status, Trailer	Not Available	Engine Speed	600 rpm
Odometer	67,530.95 mi	Engine Odometer	67,530.95 mi
Instrument Cluster Odometer	Not Available	Fuel	22%
Washer Fluid	Normal	Coolant	Normal
Diesel Exhaust Fluid	16%		

Vehicle Issues

 3 Active Fault(s) Present

 1 Conservable Fluid(s) Low

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active	Tire Pressure Controller	Tire Pressure (Second Level) Pressure Low	SPN 241	1	N/A
Active	Tire Pressure Controller	Tire Pressure (First Level) Pressure Low	SPN 241	18	N/A
Active	Tire Pressure Controller	No Reception For Tire Sensor	SPN 029	12	N/A
Inactive	Aftertreatment Control Module	Hydrocarbon (HC) Absorption in the Diesel Particulate Filter (DPF) Very High	SPN 5443	0	1
Inactive	Aftertreatment Control Module	Diesel Particulate Filter (DPF) Hydrocarbon (HC) absorption warning	SPN 5443	16	1
Inactive	Aftertreatment Control Module	High Hydrocarbon absorption in full Diesel Particulate Filter	SPN 5443	18	1
Inactive	Brakes	SAE J1939 Data Link EEC1 Timeout - There is either too much time in between EEC1 broadcasts from the engine or the message content is not as expected (Event Code 7-1)	SPN 639	19	1

Print Date: May 18, 2021 2:11 pm

Status	Component	Description	Lookup Code	FMI	Count
Inactive	Transmission	TCM Power Input Signal	P0880	N/A	N/A

Mfd by VAN HOOL N.V. Lier 2500 BELGIUM

Month / Year of construction: 04/18

GVWR: 54.000 Lb

	GAWR	TIRE SIZE LOAD RANGE	RIM SIZE	COLD INFLATION PRESSURE
Front	17.640 Lb	315/80R22,5 - L	9,00x22,5	125 Psi (Single)
First intermediate	27.575 Lb	315/80R22,5 - L	9,00x22,5	110 Psi (Dual)
Rear	17.640 Lb	315/80R22,5 - L	9,00x22,5	125 Psi (Single)

This vehicle conforms to all applicable U.S. Federal Motor Vehicle Safety Standards in effect on the date of manufacture shown above.

GVWR and GAWR are based on ORIGINAL equipment. Any change may affect vehicle capacities. See Owner's Manual for other tire and capacity information.

Vehicle identification number : YE2XC81BXJ3081082

Classification : BUS

PRODUCTION NUMBER

N^o

81082

















68337.4

miles 80

mph

vmin 15 mph v_{max} 80 mph

















DETROIT

DD13

IMPORTANT ENGINE INFORMATION

FUEL RATE AT ADV. HP: 311.1 MM3/STROKE
INITIAL INJECTION TIMING: 9.9 DEG BTC
ENGINE FAMILY: HDOXH12.8FED

UNIT: 471941S0539173 DISP: 12.8 LITERS

ADV HP: 525 @ 1625 RPM MODEL: DD13

MFG. DATE: NOV 2017 MIN IDLE: 600 RPM

VALVE LASH: EXHAUST 0.6 MM INTAKE 0.4 MM

"DELEGATED ASSEMBLY" "ESS EXEMPT"

EMISSION CONTROL SYSTEMS: ODI, TC, CAC, ECM

EGR, OC, PTOX, SCR-U, AMOX

"FOR USE IN VOCATIONAL OR TRACTOR VEHICLES"

THIS ENGINE CONFORMS TO U.S. EPA AND
CALIFORNIA REGULATIONS APPLICABLE TO 2017
MODEL YEAR NEW HEAVY DUTY DIESEL CYCLE
ENGINES. THIS ENGINE HAS A PRIMARY SERVICE
APPLICATION AS A HEAVY HEAVY DUTY ENGINE.
THIS ENGINE IS NOT CERTIFIED FOR USE IN AN
URBAN BUS AS DEFINED AT 40 CFR 86.093-2.
SALE OF THIS ENGINE FOR USE IN AN URBAN BUS
IS A VIOLATION OF FEDERAL LAW UNDER THE
CLEAN AIR ACT. THIS ENGINE IS CERTIFIED TO
OPERATE ON ULTRA LOW SULFUR DIESEL FUEL.

AUSTRALIA: 1-800-023-236

EUROPE/MIDDLE EAST/AFRICA: 44-162-355-0550

USA / CANADA: 1-800-445-1980

MEXICO: 01-800 902-7100



