





















DISEL



216 US gal.





Acquiring

2017 Van Hool

- Detroit DD1
- Allison 300
- WABCO E 5
- Bendix Sm
- Communica
- Component
- Detroit AHe
- Detroit Mot
- On-Board C

Vehicle Information

VIN: YEZXC1B9-00000
 Manufacturer: Van Hool
 Model: CX
 Model Year: 2017
 Unit Number: V02

Data Monitor

Power Diagram | Faults | Temperature | Switches | Status Indicators | Pressure | Percent | Electrical | Data Groups

Data Groups: **milios hrs-hp** Search

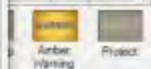
Selected	Description	Parameter Value	Units	Component	Network Speed
☐	High Resolution Total Vehicle Dis	992,970.73	mi	Engine/CPC	1/19/20 (High)
☐	Total Vehicle Distance	992,970.72	mi	Engine/CPC	1/19/20 (High)
☐	Total Engine Hours	1,690.83	hrs	Engine/CPC	1/19/20 (High)
☐	Rated Engine Power	490.38	hp	Engine/CPC	1/19/20 (High)

Clear Selection | Graph | Remove from Data Group | Delete Data Group | Connector Info | Bus Statistics | FMI Assistance | Fault Status Assistance | Industry Terms | Electrical Tips | Regen Zone Info | EPA Assistance

Close

Code / # / Count

1	2	3
1	1	1
2	N/A	N/A
3	N/A	N/A
4	N/A	N/A
5	N/A	N/A



DPF Delete

Low

View Consumable Fluids

12 hrs

Used 25 gal



9 Active Fault(s) Present

2017 Van Hool Vehicle

- Detroit DD13 Engine/CPC
- Allison
- WABCO ABS 4460038290
- Bendix SmartTire™ Standalone TPMS
- Detroit Aftertreatment Control Module
- Detroit Motor Control Module

Vehicle Information

VIN: YE2XC81B6H0049515
 Manufacturer: Van Hool
 Model: CX
 Model Year: 2017
 Unit Number: YP2

00:07 / 05:54 (Paging)



Status	Component	Description	Lookup Code	F...	Count
Active	Motor Control Module	Roll Pressure Sensor - Circuit Failed Low	SPN 164	1	2
Active	Motor Control Module	ACM Reported Ash Mileage is Lower Than HCM Stored Value	SPN 3720	18	1
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	28	N/A
Active	Tire Pressure Controller	Tire Temperature High	SPN 242	1	N/A



Clear Faults



Malfunction Indicator



Red Stop



Amber Warning



Protect



Print Date: April 20, 2021 12:00 pm

VIN	YE2XC81B6H3043515
Vehicle Make	Van Hool
Model	CX
Model Year	2017
Unit Number	VIP2

Vehicle Components

Component	Description	Serial Number	Software Version	Network
Engine/CPC	Detrol DD18 Engine/CPC	471641S0471387	Appl_0410	J1939 (High)/15765 (CAN)
Transmission	Allison 200048750 5th Gen	W996AA310320253	V189CDPC_FJ8966 B C16260108856K	J1939 (High)/15765 (CAN)
Brakes	WABCO E Series ABS E8 05/6M	004005031277	3480030822 1.83.1.21	J1939 (High)/15765 (CAN)
Motor Control Module	Detrol Motor Control Module	N/A	mcn_0x00ED	J1939 (High)/15765 (CAN)
Adjustment Control Module	Detrol Adjustment Control Module	N/A	acn_0x023E	J1939 (High)/15765 (CAN)
Tire Pressure Controller	Bendix StruTire™ SteerStone TPMS	0020388	SMTR_APP248.0092 V1.21 BLD248.0094 V1.01 APP248.0091 V1.25 BLD248.0095 V1.00	J1939 (High)

Print Date: April 20, 2021 12:00 am

Vehicle Key Data Points

Parameter Description	Value	Parameter Description	Value
Avg Fuel Econ	8.00 mpg	Idle Fuel Used	2,152.70 gal
DPF Soot Level	Low	Total Idle Hrs	731.20 hrs
DPF Derate	Low	Idle Shutdown	5.00 min
Total Engine Hrs	3,690.20 hrs	Battery Potential	14.00 volts
Cruise Set Limit	71.00 mph	Road Speed Limit	76.00 mph
Malfunction Indicator Lamp	On	Red Stop Lamp	On
Amber Warning Lamp	On	Protect Lamp	Off
Parking Brake Switch	On	DPF Lamp Command	Off
Exhaust System High Temperature	Off	ABS Control Status	Not Available
ABS Control Status, Trailer	Not Available	Engine Speed	802 rpm
Odometer	582,978.73 mi	Engine Odometer	582,978.73 mi
Instrument Cluster Odometer	Not Available	Fuel	75%
Washer Fluid	Normal	Coolant	Normal
Diesel Exhaust Fluid	82%		

Vehicle Issues

 5 Active Fault(s) Present

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active	Major Control Module	ACM Reported Ash Mixture is Lower Than ACM Stored Value	SPN 5720	14	1
Active	The Pressure Controller	The Pressure Second Level Pressure Low	SPN 241	1	N/A
Active	The Pressure Controller	The Pressure First Level Pressure Low	SPN 241	15	N/A
Active	The Pressure Controller	The Temperature High	SPN 242	15	N/A
Active	The Pressure Controller	No Reception For Tire Sensor	SPN 929	12	N/A
Active, Emissions	Major Control Module	Rail Pressure Sensor - Circuit Failure Low	SPN 164	8	3
Inactive	Aftertreatment Control Module	Diesel Particulate Filter (DPF) hydrocarbon (HC) absorption warning	SPN 6445	15	1

Print Date: April 20, 2021 12:00 pm

Status	Component	Description	Lookup Code	PMI	Count
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 (Flash Code 7-1)	SPN 635	8	4
Inactive	Engine/ECU	ECU powerdown not completed Main Battery Terminal Possibly Flooding	SPN 168	14	1
Inactive	Water Control Module	Battery Voltage Low	SPN 168	1	4

Mfd by VAN HOOL N.V. Lier 2500 BELGIUM

Month / Year of construction:

05/17

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 : YE2XC81B6H3049515

Classification : BUS

PRODUCTION NUMBER

N^o

49515







VAN HOO
VIP2





ABC
WASH BAY

VIP 2

Volvo

450





VIP 2

starline

Capitol USA



10

70

716400.5

miles 80
mph

v_{min} 15 mph v_{max} 80 mph

0 1/2 1/1

5 min
Click to Change.

Battery Potential
140 volts

Total Engine Hrs
3690.2 hrs

Odometer
592978.7 mi

Engine Sp



DELL



F4



F5



F6



F7



F8









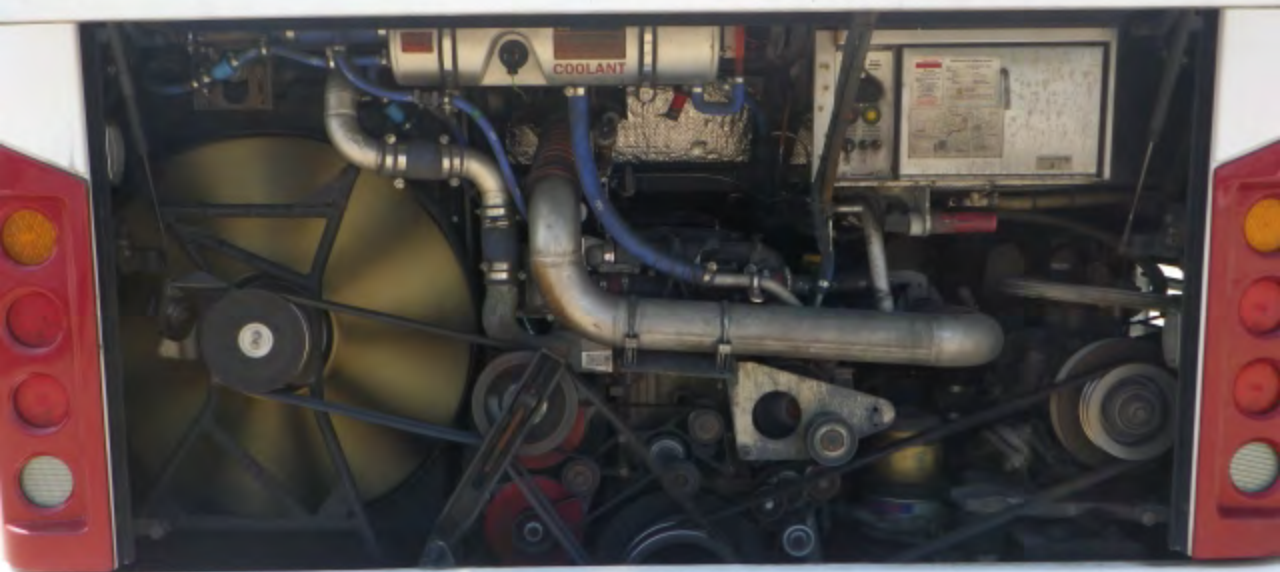






VANHOOL

ABC
Energie



DETROIT DD13

IMPORTANT ENGINE INFORMATION

FUEL RATE AT ADU. HP: 311.1 MM3/STROKE
INITIAL INJECTION TIMING: 8.9 DEG BTC
ENGINE FAMILY: GDDXH12.8FED
VIN: 471841S0462044 QISP: 12.8 LITERS
ADU HP: 525 @ 1625 RPM MODEL: DD13
MFG. DATE: NOV 2016 MIN IDLE: 600 RPM
VALVE LASH: EXHAUST 0.6 MM INTAKE 0.4 MM
"DELEGATED ASSEMBLY" EMISSION ASSEMBLY
EGR, OC, PTOX, SCR-U, AMOX "ESS EXEMPT"
"FOR USE IN VOCATIONAL OR TRACTOR VEHICLES"

THIS ENGINE CONFORMS TO U.S. EPA AND
CALIFORNIA REGULATIONS APPLICABLE TO 2016
MODEL YEAR NEW HEAVY DUTY DIESEL CYCLE
APPLICATIONS. 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.
IS A VIOLATION OF FEDERAL LAW UNDER THE
CLEAN AIR ACT. THIS ENGINE IS CERTIFIED TO
OPERATE ON ULTRA LOW SULFUR DIESEL FUEL.





