











Labels and markings on the engine housing:

- Labels: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.
- Capacity: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.
- CAUTION: System to be serviced by qualified personnel only.







YEAR

2013

MODEL

VH-T2145

VIN #

44935

SEATING

CAPACITY 57

ENGINE

DETROIT DD13

TRANSMISSION

ALISON B-500

OPTIONS

5 MONITORS

LOT#

SO#











WATCH YOUR STEP



2 Active P...

- 2013 Van Hool Vehicle
- Detroit DD13 Engi
- Allison 3000M4000
- Brakes
- Detroit Aftertreatm
- Detroit Engine Fil
- Detroit Motor Con

Vehicle Information
VIN: YE27C19800204835
Manufacturer: Van Hool
Model: T2100
Model Year: 2013

Data Monitor

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

Data Group: **total vehicle distance**

Selected	Description	Parameter Value	Units	Component	Network Speed
☐	Trip Distance	433,942.98	mi	Engine/CPC	11529 (High)
☐	Total Vehicle Distance	433,942.98	mi	Engine/CPC	11529 (High)
☐	Rated Engine Power	450.58	hp	Engine/CPC	11529 (High)
☐	Total Engine Hours	15,006.32	hrs	Engine/CPC	11529 (High)

Backup Code | FMI | Count

108	1	1
429	12	1



Idle Hrs
72.3 hrs

Fuel Used
68.8 gal

DETROIT DIESEL



CUSTOMER SERVICE

AUSTRALIA: 1-800-023-236
EUROPE / MIDDLE EAST / AFRICA: 31-1804-63208
USA/CANADA: 1-800-445-1980
MEXICO: 01-800-90271-00

Print Date: September 09, 2020 12:33 pm

VIN	YE2TC19B0D2044035
Vehicle Make	Van Hool
Model	T2100
Model Year	2013

Vehicle Components

Component	Description	Serial Number	Firmware Version	Remark
Engine/CPC	Detroit DD13 Engine/CPC	50152762	App_010E	J1939 (High)/15765 (CAN)
Transmission	Allison 3000/4000 6th Gen	BA1360A9T0350734	W11_A59_0031 w400763/02R 0 V11_A59 0B_351	J1939 (High)
Retarder - Engine	Detroit Engine Retarder	50155962	022004000 0903_0 034 001 14 10 24 12 00 12 0236 22252	J1939 (High)
Motor Control Module	Detroit Motor Control Module	N/A	mem_0x047E	J1939 (High)/15765 (CAN)
Adaptation/Control Module	Detroit Workstation Control Module	N/A	uon_0x01EE	J1939 (High)/15765 (CAN)

Vehicle Key Data Points

Parameter Description	Value	Parameter Description	Value
Idle Fuel Used	5,096.80 gal	DPF Soot Level	Low
Total Idle Hrs	5,672.30 hrs	(DPF) Delete	Low
Total Engine Hrs	15,908.10 hrs	Battery Potential	13.70 volts
Cruise Spd Limit	70.00 mph	Road Speed Limit	73.00 mph
Total Avg Fuel Econ	6.40 mpg	Malfunction Indicator Lamp	Off
Red Stop Lamp	Off	Antilock 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, Tractor	Not Available
Engine Speed	1212 rpm	Odometer	430,962.94 mi
Engine Odometer	430,962.94 mi	Instrument Cluster Odometer	Not Available
Fuel	75%	Coolant	Normal
Diesel Exhaust Fluid	91%		

Print Date: September 09, 2020 12:33 pm

Vehicle Issues

 2 Active Fault(s) Present

Faults					
Status	Component	Description	Lookup Code	FMI	Count
Active	Aftertreatment Control Module	Battery power was disconnected before Aftertreatment Control Module (ACM) completed the Diesel Exhaust Fluid (DEF) key off purge cycle	SPN 138	7	1
Active	Brakes	SAB - Controller #1 - Bad intelligent device or component	SPN 620	12	1

Mfd by VAN HOOL N.V. Lier 2500 BELGIUM

Month / Year of construction: 02/13

GVWR: 50.700 Lbs

	GAWR	TIRE SIZE LOAD RANGE	RIM SIZE	COLD INFLATION PRESSURE
Front	16.500 Lbs	315/80R22,5	9.00 x 22,5	120 Psi (Single)
First intermediate	24.250 Lbs	315/80R22,5	9.00 x 22,5	95 Psi (Dual)
Rear	15.000 Lbs	315/80R22,5	9.00 x 22,5	110 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 : -YE2TC19B0D2044935-

Classification : BUS

PRODUCTION NUMBER

N^o

44935





















432985.6

miles 80
mph

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

10 mph

13.1

Road Speed Limit

73 mph

Total Avg Fuel Econ

6.4 mpg

Total Engine Hrs

15008.1 hrs

Odometer

430962.9 mi



















DETROIT DIESEL



IMPORTANT ENGINE INFORMATION

FUEL RATE AT ADV. HP 277.0 MM3/STROKE
INITIAL INJECTION TIMING 20.7 DEG BTC
ENGINE FAMILY: COOXH12.8FED
UNIT: 47191750169762 MFG. DATE: NGU 2012
ADV. HP 500 @ 1500 RPM
DISP. 12.8 LITERS
MIN IDLE 600 RPM
FEL:
VALVE LASH: 6/8HP-HR
MODEL: DD13 EXHAUST 0.6 MM INTAKE 0.4 MM
ESS EXEMPT

"DELEGATED ASSEMBLY"

THIS ENGINE CONFORMS TO U.S. EPA &
CALIFORNIA REGULATIONS APPLICABLE TO
2012 MODEL YEAR NEW HEAVY DUTY DIESEL
CYCLE ENGINES. THIS ENGINE HAS A PRIMARY
SERVICE APPLICATION AS A 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.





