







DATE 4/10/2021 QUOTE INFORMATION AVTG20210004185788D VHD64B300 Daycab Qty: 1

PREPARED BY YOUNGS TRUCK CENTER, INC. 3880 JEFF ADAMS DR CHARLOTTE NC 282061259

PREPARED FOR

Thank you for the opportunity to provide you this quote on your Volvo truck.

This proposal outlines the complete vehicle specification and performance details that have been customized to provide solutions that will help you meet your transportation goals and drive greater business success. The enclosed spec aligns the core values of Volvo Trucks with your business needs by helping you design a solution that drives greater fuel efficiency, driver productivity, safety and uptime.

By partnering with Volvo Trucks, you will benefit from innovative technologies that are incorporated in all we do - from our powertrain components to ensuring your drivers have the ultimate in comfort and convenience - all the while protecting your drivers with our proven safety features.

We also stand by our commitment to uptime with Volvo Remote Diagnostics as a standard on all Volvo trucks. With this fully integrated diagnostic package, no additional hardware or software purchase is required to manage your vehicles. By saving your company diagnostic time, your business will reap the benefits of more time spent on the road and less in the shop. With specialized bays for expedited service, Volvo dealerships are dedicated to taking care of your needs quickly and efficiently.

As you review this proposal, please note any questions you may have so that we may discuss them. I look forward to meeting with you soon.

Sincerely,

#### **BRUCE STADLER**

YOUNGS TRUCK CENTER, INC.



# TECHNICAL SPECIFICATION VHD64B300 Daycab

				WEIGHT (LB)
MOD	EL PACKAGE		DESCRIPTION	FRONT REAR
S	007155	MODEL	VHD64B300	7,895 4,094
				WEIGHT (LB)
VEHI	CLE ADAPTATION		DESCRIPTION	FRONT REAR
S	2KEZ1X	FRAILER TYPE	WITHOUT TRAILER TYPE	0 0

			WEIGHT (LB)
PASSIVE AND ACTIV	E SAFETY	DESCRIPTION	FRONT REAR
2CXD1X	CAB VERSION	DAY CAB	0 0

			WEIGH	T (LB)
ENGINE		DESCRIPTION	FRONT	REAR
1018F8	ENGINE PACKAGE	VOLVO D13 425HP 2100RPM 1550 LBFT - EPA'21 EMISSION LEVEL	347	0

				WEIGH	T (LB)
ENGI	NE EQUIPMENT		DESCRIPTION	FRONT	REAR
	H9XK1X	RADIATOR TYPE	1240 SQ IN, 2 ROW CORE RADIATOR	18	0
S	428001	DIESEL EXHAUST FLUID TANK	18.5 GALLON LEFT HAND 26", FRAME MOUNTED (FILLED WITH 10 GALLONS OF DEF, WEIGHING 91 LBS)	159	86

				WEIGH	IT (LB)
TRAN	ISMISSION		DESCRIPTION	FRONT	REAR
S	270707	TRANSMISSION PACKAGE	VOLVO 12 SPEED I-SHIFT SEVERE DUTY, AT2612F DIRECT DRIVE	0	0
s	THXC5X	PROPELLER SHAFT MANUFACTURER	PROP. SHAFT MANUF. BY SPICER SPL LIGHT SERIES	124	122

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
20210104	AVTG20210004185788D	4/10/2021	2 of 16		YOUNGS TRUCK CENTER, INC.

# TECHNICAL SPECIFICATION (cont.)



370403	ROG	RAMMABLE FE	ATURES	DESCRIPTION	FRONT	REA
### RONT AXLE   DESCRIPTION		G4ABGX			0	0
370403   FRONT AXLE PACKAGE   VOLVO VF14 14,800 LB FRONT SPRINGS   782014   FRONT BRAKE PACKAGE   FRONT BRAKE BENDIX SPICER, NEXT GENERATION HEAVY DUTY, 42 0, 0 371071   FRONT SUSPENSION PACKAGE   PARABOLIC LEAF FRONT SUSPENSION   78 0 0					WEIGH	IT (LB)
TRAVITED   FRONT BRAKE PACKAGE   FRONT BRAKE BENDIX SPICER, NEXT GENERATION HEAVY DUTY,   42   0   0   0   0   0   0   0   0   0	RON	T AXLE		DESCRIPTION	FRONT	REA
AZUTIA		370403	FRONT AXLE PACKAGE	, , , , , , , , , , , , , , , , , , , ,	20	0
### PRONT REA ### STEEL CROSSMEMBER MATERIAL ### STEEL CROSSMEMBER MATERIAL ### STEEL CONNECTIONS BACK OF CAB ### CUT IN TO A SUSPENSION REA ### AND A SUSPENSION WITH LATERAL DAMPENERS ### AND A SUSPENSION REA ### AND A S		782014	FRONT BRAKE PACKAGE		42	0
PRONT   REA		371071	FRONT SUSPENSION PACKAGE	PARABOLIC LEAF FRONT SUSPENSION	78	0
330684   REAR AXLE PACKAGE   LB CAPACITY					WEIGH	IT (LB)
TAXCAX REAR AXLE RATIO 2.64 REAR AXLE RATIO 0 0.0 350377 REAR SUSPENSION PACKAGE 40,000 LB VOLVO T-RIDE (2-LEAF FIRM RIDE) 54" SPACING 0 386 YVXA1X REAR SHOCK ABSORBER SHOCK ABSORBERS, DRIVE AXLES 0 102  ***WEIGHT (LB)**  **HASSIS***  **DESCRIPTION***  **PRONT***  **PRONT**  **PRONT***  **PRONT***  **PRONT**	EAR	AXLE			FRONT	REA
350377   REAR SUSPENSION PACKAGE   40,000 LB VOLVO T-RIDE (2-LEAF FIRM RIDE) 54" SPACING   0   386		330684	REAR AXLE PACKAGE		0	0
VVXA1X   REAR SHOCK ABSORBER   SHOCK ABSORBERS, DRIVE AXLES   0   102		TAXCAX	REAR AXLE RATIO	2.64 REAR AXLE RATIO	0	0
WEIGHT (LB)		350377	REAR SUSPENSION PACKAGE		0	386
ABSSIS		YVXA1X	REAR SHOCK ABSORBER	SHOCK ABSORBERS, DRIVE AXLES	0	102
400208					WEIGH	IT (LB)
402055	HAS	SIS	A TOTAL STATE	DESCRIPTION	FRONT	REA
SEXBIX INTERMEDIATE X-MEMBER MATRIX  X6XA1X REAR FRAME TREATMENT STRAIGHT CUT-OFF REAR CROSSMEMBER   WEIGHT (LB)  RANSPORT ADAPTATION  DESCRIPTION  REAR  LOXBIX ELECTRICAL CONNECTIONS BOC BODY BUILDER CONNECTIONS BACK OF CAB  AB EXTERIOR  DESCRIPTION  AB EXTERIOR  DESCRIPTION  AB EXTERIOR  DESCRIPTION  AB CAB SUSPENSION REAR AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS 11 -2 3GXC1X EXTERIOR MIRROR FEATURES  DESCRIPTION  DESCRIPTION  DESCRIPTION  FRONT REAR  TO ANALYSIS MIRROR, BOTH SIDES  DESCRIPTION  TO ANTENNA  ANTENNA  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  STEERING WHEEL SWITCHES  WITH STEERING WHEEL SWITCHES  TO ANTENNA  WITH STEERING WHEEL SWITCHES  WEIGHT (LB)  WEIGHT (LB)  TO ANTENNA  WEIGHT (LB)  TO ANTENNA  ON ANTENNA  WEIGHT (LB)  TO ANTENNA  WEIGHT (LB)  TO ANTENNA  ON ANTENNA  WEIGHT (LB)  WEIGHT (LB)  TO ANTENNA  ON ANTENNA  ON ANTENNA  ON ANTENNA  WEIGHT (LB)  TO ANTENNA  ON A		400208	WHEELBASE	208" WHEELBASE	329	329
ASA 1X MATRL STEEL CROSSMEMBER MATERIAL 20 23 X6XA1X REAR FRAME TREATMENT STRAIGHT CUT-OFF REAR CROSSMEMBER 0 38  WEIGHT (LB)  RANSPORT ADAPTATION DESCRIPTION FRONT REAL LOXB1X ELECTRICAL CONNECTIONS BOC BODY BUILDER CONNECTIONS BACK OF CAB 3 0  WEIGHT (LB)  AB EXTERIOR DESCRIPTION FRONT REAL 2DX30X CAB SUSPENSION REAR AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS -11 -2 3GXC1X EXTERIOR MIRROR FEATURES HEATED, POWER AXIS MIRROR, BOTH SIDES 3 0  WEIGHT (LB)  JDIO SYSTEM DESCRIPTION FRONT REAL 73AJ1X RADIO ANTENNA SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA LYXF1X STEERING WHEEL SWITCHES WITH STEERING WHEEL SWITCHES 3 0  WEIGHT (LB)  WEIGHT (LB)		402055		55" OVERHANG	0	175
RANSPORT ADAPTATION DESCRIPTION FRONT REAL LOXB1X ELECTRICAL CONNECTIONS BOC BODY BUILDER CONNECTIONS BACK OF CAB  AB EXTERIOR  DESCRIPTION  AB EXTERIOR  AR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS  JULIO SYSTEM  DESCRIPTION  DESCRIPTION  FRONT REAL PATENOR MIRROR FEATURES  DESCRIPTION  DESCRIPTION  FRONT REAL PATENOR MIRROR FEATURES  DESCRIPTION  SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA  LYXF1X  STEERING WHEEL SWITCHES  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  FRONT REAL PATENOR MIRROR MOUNTED RADIO ANTENNA  ANTENNA  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)		8EXB1X		STEEL CROSSMEMBER MATERIAL	20	23
RANSPORT ADAPTATION DESCRIPTION FRONT REAL LOXB1X ELECTRICAL CONNECTIONS BOC BODY BUILDER CONNECTIONS BACK OF CAB  WEIGHT (LB)  AB EXTERIOR  DESCRIPTION FRONT REAL 2DX30X CAB SUSPENSION REAR AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS 3 AU  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  DESCRIPTION FRONT REAL AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS 3 0  WEIGHT (LB)  WEIGHT (LB)  TRANSPORT ADAPTATION WEIGHT (LB)  REAL AND ANTENNA WITH STEERING WHEEL SWITCHES WEIGHT (LB)  WEIGHT (LB)		X6XA1X	REAR FRAME TREATMENT	STRAIGHT CUT-OFF REAR CROSSMEMBER	0	38
LOXB1X ELECTRICAL CONNECTIONS BOC BODY BUILDER CONNECTIONS BACK OF CAB  WEIGHT (LB)  AB EXTERIOR DESCRIPTION FRONT REAL  2DX30X CAB SUSPENSION REAR AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS -11 -2  3GXC1X EXTERIOR MIRROR FEATURES HEATED, POWER AXIS MIRROR, BOTH SIDES 3 0  WEIGHT (LB)  UDIO SYSTEM DESCRIPTION FRONT REAL  73AJ1X RADIO ANTENNA SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA WITH STEERING WHEEL SWITCHES 3 0  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)					WEIGH	IT (LB)
WEIGHT (LB)  AB EXTERIOR  DESCRIPTION  AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS  3GXC1X  EXTERIOR MIRROR FEATURES  HEATED, POWER AXIS MIRROR, BOTH SIDES  WEIGHT (LB)  DESCRIPTION  FRONT  REAL  73AJ1X  RADIO ANTENNA  LYXF1X  STEERING WHEEL SWITCHES  DESCRIPTION  WITH STEERING WHEEL SWITCHES  WEIGHT (LB)	RANS	SPORT ADAPTA	ATION	DESCRIPTION	FRONT	REAL
AB EXTERIOR  DESCRIPTION  AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS  -11 -2  3GXC1X  EXTERIOR MIRROR FEATURES  HEATED, POWER AXIS MIRROR, BOTH SIDES  WEIGHT (LB)  DESCRIPTION  FRONT REAL  WEIGHT (LB)  SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA  LYXF1X  STEERING WHEEL SWITCHES  WITH STEERING WHEEL SWITCHES  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)		L0XB1X	ELECTRICAL CONNECTIONS BOO	BODY BUILDER CONNECTIONS BACK OF CAB	3	0
2DX30X CAB SUSPENSION REAR AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS -11 -2 3GXC1X EXTERIOR MIRROR FEATURES HEATED, POWER AXIS MIRROR, BOTH SIDES 3 0  WEIGHT (LB)  UDIO SYSTEM DESCRIPTION FRONT REAL  73AJ1X RADIO ANTENNA SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA ANTENNA WITH STEERING WHEEL SWITCHES 3 0  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)					WEIGH	IT (LB)
3GXC1X EXTERIOR MIRROR FEATURES HEATED, POWER AXIS MIRROR, BOTH SIDES  WEIGHT (LB)  JDIO SYSTEM  DESCRIPTION FRONT REAL  73AJ1X RADIO ANTENNA LYXF1X STEERING WHEEL SWITCHES  WITH STEERING WHEEL SWITCHES  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  FRONT REAL  WEIGHT (LB)  FRONT REAL  FRONT REAL  SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA WITH STEERING WHEEL SWITCHES  WEIGHT (LB)		XTERIOR			FRONT	REA
DESCRIPTION  73AJ1X RADIO ANTENNA  LYXF1X STEERING WHEEL SWITCHES  SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA WITH STEERING WHEEL SWITCHES  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  WEIGHT (LB)  FRONT REAL  WEIGHT (LB)					-11	-2
JDIO SYSTEM  73AJ1X RADIO ANTENNA LYXF1X STEERING WHEEL SWITCHES  SC CAB EQUIPMENT  DESCRIPTION  SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA WITH STEERING WHEEL SWITCHES  WEIGHT (LB)  FRONT REAL WEIGHT (LB)		3GXC1X	EXTERIOR MIRROR FEATURES	HEATED, POWER AXIS MIRROR, BOTH SIDES	3	0
73AJ1X RADIO ANTENNA SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA 3 0 LYXF1X STEERING WHEEL SWITCHES WITH STEERING WHEEL SWITCHES 3 0  WEIGHT (LB) ISC CAB EQUIPMENT DESCRIPTION FRONT REAL		0.00				
LYXF1X STEERING WHEEL SWITCHES WITH STEERING WHEEL SWITCHES 3 0  WEIGHT (LB)  ISC CAB EQUIPMENT DESCRIPTION FRONT REAL					FRONT	REA
WEIGHT (LB) ISC CAB EQUIPMENT DESCRIPTION FRONT REAL		73AJ1X	RADIO ANTENNA		3	0
SC CAB EQUIPMENT DESCRIPTION FRONT REAL		LYXF1X	STEERING WHEEL SWITCHES	WITH STEERING WHEEL SWITCHES	3	0
					WEIGH	IT (LB)
2XX35X WINDOW LIFT POWER WINDOW LIFT BOTH DOORS 7 5	ISC (					200
		2XX35X	WINDOW LIFT	POWER WINDOW LIFT BOTH DOORS	7	5

# TECHNICAL SPECIFICATION (cont.)



				WEIGH	T (LB)
TIRES	S AND WHEELS	S FRONT	DESCRIPTION	FRONT	REAR
S	093871	TIRE PACKAGE FRONT	315/80R22.5L BRIDGESTONE M870 (20000 LBS. GAWR) ON/OFF ROAD USAGE (Total for QTY = 2)	336	0
S	084562	RIMWHEEL PACKAGE FRONT	22.5X9.00 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED (Total for QTY = 2)	208	0

				WEIGH	IT (LB)
TIRES	S AND WHEELS	SREAR	DESCRIPTION	FRONT	REAR
S	094736	TIRE PACKAGE REAR	11R22.5G BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION) (Total for QTY = 8)	0	971
S 085069	085069	RIM/WHEEL PACKAGE REAR	22.5X8.25 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED (Total for QTY = 8)		547
		1-	FRONT / REAR AXLE WEIGHTS (LB)	9575	6870
			TOTAL WEIGHT (LB)	164	445



Inputs Required	Inputs	UOM
Vehicle Type	Aero Muscle Hood - Roof Fairing (0.60)	MPH
Performance Level	>67 MPH / >108KPH	MPH
Frontal Area	110.0	FEET <sup>2</sup>
Accessory Power Loss	11.0	HP

#### VEHICLE SPECIFICATION SUMMARY

HP

Mile

Model

VHD64B300

**Gross Combination Weight** 

NO GROSS COMBINATION WEIGHT PROVIDED

Vehicle Application

ON HIGHWAY, STARTING GRADES <16%

Body/Trailer Type

TRUCK / ASPHALT OR DUMP BODY

Loading/Unloading Surface Type Engine

CONCRETE LOADING AND / OR UNLOADING SURFACE VOLVO D13 425HP 2100RPM 1550 LBFT - EPA'21 EMISSION LEVEL

Peak Power

435.0 @ 1500 - 1700

Peak Torque

Newton Meters

Transmission

2168 @ 1050

VOLVO 12 SPEED I-SHIFT SEVERE DUTY, AT2612F DIRECT DRIVE

Rear Axle

MERITOR MT-40-14X4D HYPOID (HEAVY DUTY HOUSING) 40,000 LB CAPACITY

Rear Axle Ratio

Rear Tire

11R22.5G BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION)

Tire Revolutions per

500

Total Reduction

2.64

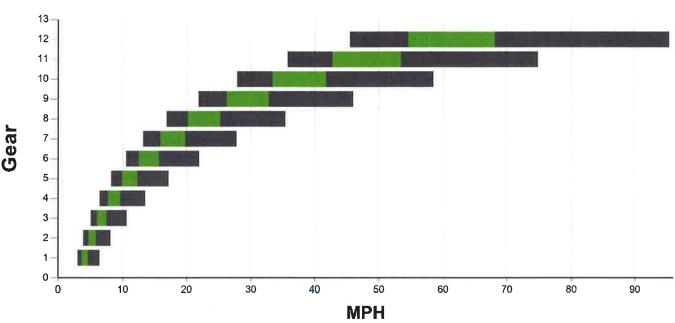
Total Neddetion			2.04		
	CALCULATED PER	RFORMANCE S	UMMARY		
	Speed	иом	RPM	Desired / Recommended Value	Status
Engine RPM @ 65 MPH	65.2	MPH	1435		
Engine RPM @ Desired Cruise Speed	68.4	MPH	1503	1200 - 1500 rpm	CHECK
Engine RPM @ Road Speed Limit (RSL)	68.4	MPH	1503	< 2100 rpm	ОК
Sweet Spot Cruise Speed Range in Top Gear	54.6 - 68.2	MPH	1200 - 1500		
Top Gear Speed Range	45.5 - 95.5	MPH	1000 - 2100	64.6 MPH	OK
Minimum Practical Speed In Reverse	1.6	MPH	600		
Maximum Practical Speed in Reverse	5.5	MPH	2100		
Minimum Practical Speed In Lowest Forward Gear	1.8	MPH	600		
Maximum Practical Speed In Lowest Forward Gear	6.4	MPH	2100		
	Cond	crete / Asphalt	UOM		
Wheel HP Required at (65 MPH) Cruise Speed	24	1.8 / 263.3	HP	N	
Wheel HP Required at (75 MPH) Road Speed Limit	24	1.8 / 263.3	HP		
Wheel HP Required at (92 MPH) Top Speed	53	88.9 / 573.4	HP		



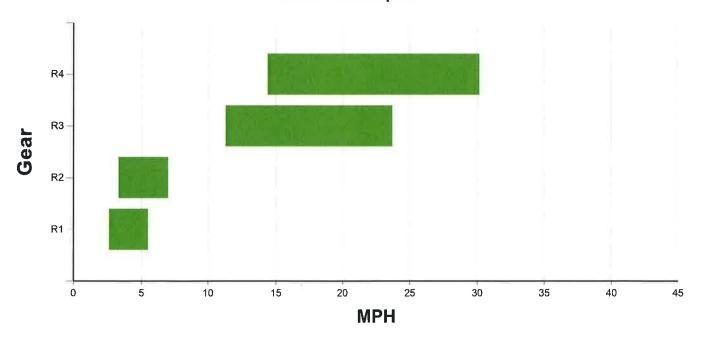
and the second s	VEHICLE SPECIFICATION SUMMARY		
Gradeability	<b>建筑</b>	Recommended Min. Gradeability in Top Gear	
Maximum in Top Gear (Concrete)	2.5%	0.0%	OK
Maximum in Top Gear (Asphalt)	2.3%	0.0%	OK
Startability		Recommended Min. Startability	Em.
In Lowest Gear	38.6%	16.0%	OK
Loading/Unloading Surface Type	CONCRETE LOADING AND / OR UNLOADING SURFACE		
		Recommended Speed on 1.5% Grade	
Speed on a 1.5% Grade (Concrete)	68.2 MPH	>67 MPH	OK
	@1500 rpm in 12th gear	PL5	
ggested Value for Gear Down Vehicle Speed	RSL - 10		
Driveability Rating	Status		STANKE PU
100% Max Power available after shift	CAUTION!		
>95% Very Good >90% Acceptable			
Performance Level	Recommended Speed on 1.5% Grade	Min. Gradeability in Top Gear	
PL5 - High Performance	>67 MPH	1.9%	
PL4 - Performance	61 - 67 MPH	1.7%	
PL3 - Economy	54 - 60 MPH	1.5%	
PL2 - Fleet / Construction	47 - 53 MPH	1.3%	
PL1 - Heavy Haul	40 - 46 MPH	1.1%	





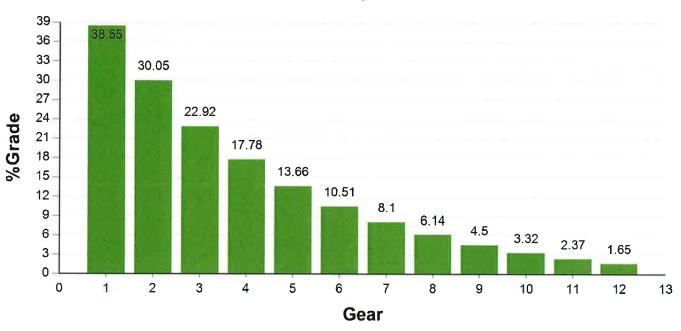


## **Reverse Geared Speed**

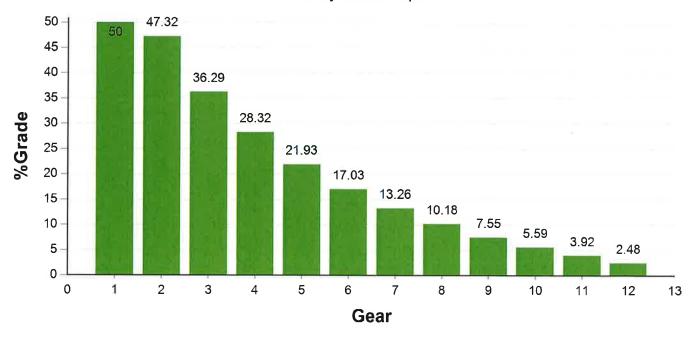




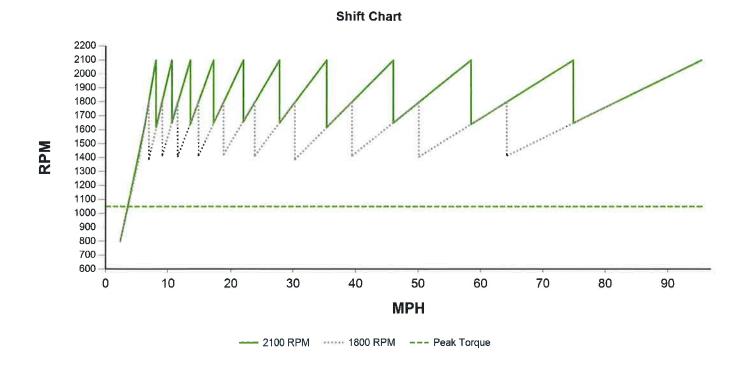




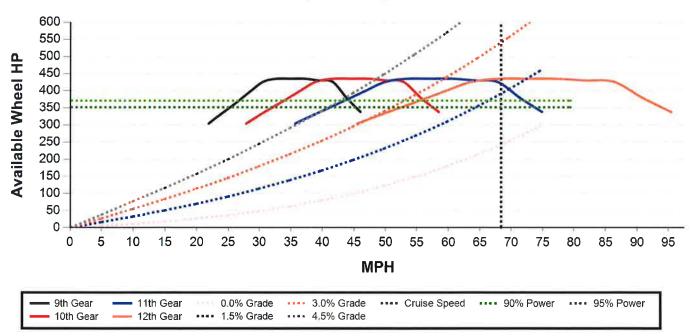
## **Gradeability at Max Torque**











#### RPM at 65 MPH



RPM at Cruise Speed





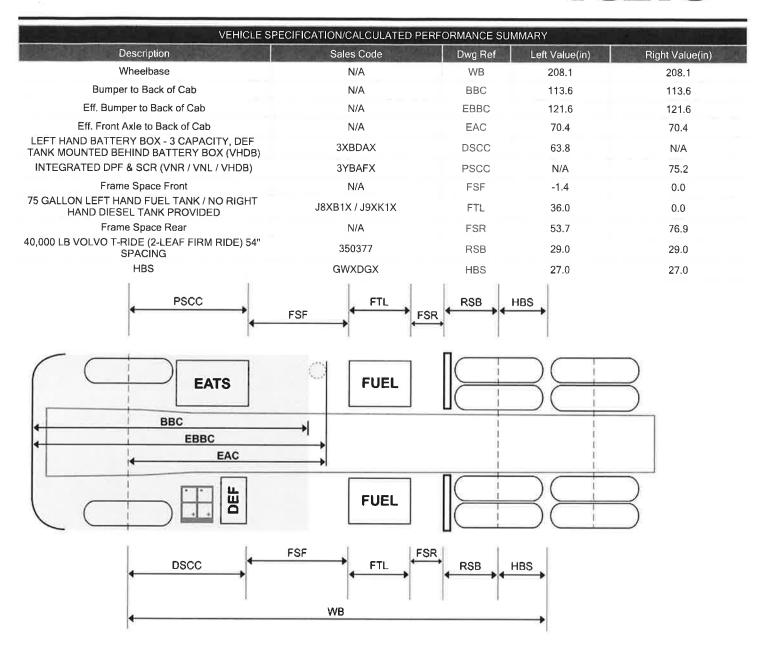


	MPH	RPM
Minimun of Engine Range	45.5	1000.00
Minimum of Economy Range	54.6	1200.00
Cruise Speed	68.4	1503.30
Maximum of Economy Range	68.2	1500.00
Road Speed Limit	68.4	1503.30
Maximum of Engine Range	95.5	2100.00



Description	CLE SPECIFICATION/CALCU Sales Code	Dwg Ref	Length	UOM
Front Frame Extension	N/A	FE	0.0	INCHE
Bumper to Front Axle	N/A	BA	51.2	INCHE
Wheelbase	N/A	WB	208.1	INCHE
Rear Overhang	N/A	ОН	55.5	INCHE
Overall Length	N/A	OL	314.8	INCHE
Bumper to Back of Cab	N/A	BBC	113.6	INCHE
Eff. Bumper to Back of Cab	N/A	EBBC	121.6	INCHE
Eff. Cab to Rear Axle	N/A	ECA	137.7	INCHE
Eff. Front Axle to Back of Cab	N/A	EAC	70.4	INCHE
Eff. Cab to End of Frame	N/A	ECEF	193.2	INCHE
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHE
Unladen Frame Height	N/A	FH	42.4	INCHE
Cab Height	N/A	CH	74.3	INCHE
Overall Height	N/A	OVH	139.8	INCHE
Driver CG	N/A	DCG	42.0	INCHE
Second Front Axle Spacing		SFAS	0.0	INCHE
EBBC	N/A	ECEF		č
DCG	сн		BS T	оун

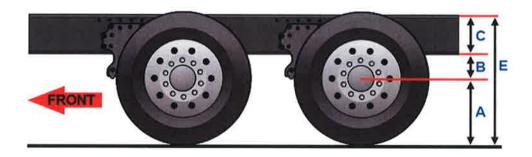




Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of ± 4 inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.

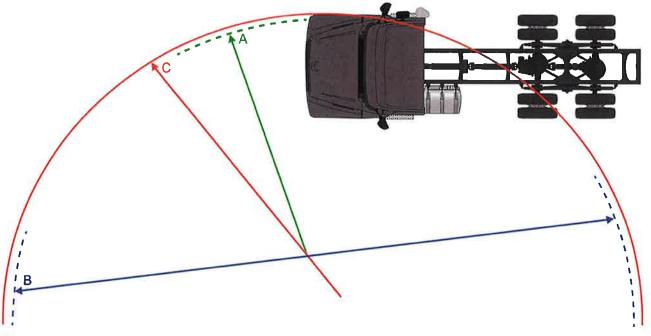


VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY						
			Rear			
Description	Sales Code	Dwg Ref	Unladen	Laden	UOM	
Requested Fifth Wheel Height	E5BZ1X		0.0	0.0	INCHES	
Tire Radius	094736	Α	20.8	19.3	INCHES	
Suspension Height	350377	В	9.8	9.4	INCHES	
Frame Depth	403005	С	11.8	11.8	INCHES	
Closest Available Fifth Wheel Leg Height	N/A	D	0.0	0.0	INCHES	
Total Height	N/A	E	42.4	40.5	INCHES	





VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY				
Description	Sales Code	Dwg Ref	Length	UOM
SAE Turning Radius	N/A	A*	36.2	FEET
Adjusted Turning Radius	N/A	Α	40.4	FEET
Curb-to-Curb Diameter	N/A	В	81.9	FEET
Wall-to-Wall Diameter	N/A	С	86.8	FEET



Tests have shown that the true location of the turning center is further to the rear than midway between drive axle sets (where applicable)

The actual location of the turning center depends on:

- Whether the drive tire equipment is single or dual.
- The overall load distribution for the vehicle (front/rear, between drive axles) in a loaded condition
  Manufacturing tolerances within the steering components



Inputs Required	Inputs	иом
Driver Weight	201	LB
Total Body Length	16.4	FEET
Body Tare Weight	3501	LB
Front of Body to Body CG	96.0	INCHES
Additional Clearance from Back of Exhaust to Front of Body	6.0	INCHES

VEHICLE SPECIFICATION SUMMARY							
Description	Description	Dwg Ref	Length	иом			
Bumper to Front Axle	N/A	BA	51.2	INCHES			
Wheelbase	N/A	WB	208.1	INCHES			
Rear Overhang	N/A	ОН	55.5	INCHES			
Bumper to Back of Cab	N/A	BBC	113.6	INCHES			
BOC Exhaust Space	230046	N/A	8.0	INCHES			
Driver CG from Front Axle	N/A	DCG	42.0	INCHES			
First Pusher Axle Spacing			0.0	INCHES			



CALCULATED PERFORMANCE SUMMARY						
Tare Weights	Front Axle	Rear Axle (s)	Total	ИОМ		
Chassis	9575	6870	16445	LB		
Driver	161	41	201	LB		
Fuel	315	199	513	LB		
Body/Trailer	600	2902	3501	LB		
Total Tare	10650	10010	20659	LB		
Payloads				AN CHARLES		
First Body Payload	5815	28127	33942	LB		
Total - Lift Axles Down	16464	38137	54600	LB		
GAWR	14600	40000	54600	LB		



	الوطويسا	VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY		
Sub-Category	Sales Code	Sales Code Description	Value	UOM
Front Axle	370403	VOLVO VF14 14,600 LB FRONT SPRINGS	14600	LB
Front Suspension	370403	VOLVO VF14 14,600 LB FRONT SPRINGS	14600	LB
Front Tires	093871	315/80R22.5L BRIDGESTONE M870 (20000 LBS. GAWR) ON/OFF ROAD USAGE	20000	LB
Front Wheels	084562	22.5X9.00 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED	20000	LB
		Front GAWR	14600	LB
Rear Axle	330684	MERITOR MT-40-14X4D HYPOID (HEAVY DUTY HOUSING) 40,000 LB CAPACITY	40000	LB
Rear Suspension	350377	40,000 LB VOLVO T-RIDE (2-LEAF FIRM RIDE) 54" SPACING	40000	LB
Rear Tires	094736	11R22.5G BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION)	46720	LB
Rear Wheels	085069	22.5X8.25 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED	59200	LB
		Rear GAWR	40000	LB
		Truck GVWR	54600	LB
		Gross Combination Weight Rating	0	LB
		Tax Value GVWR (USA FET Only)	54600	LB



Volvo Trucks. Driving Progress

