



**9500 GALLON FOUR COMPARTMENT  
STRAIGHT BARREL TANDEM AXLE SEMI**

**GENERAL CONSTRUCTION**

<b>VIN:</b>	<b>1BN2M422VB004330</b>
<b>MODEL:</b>	BAST-95-4-2-SB
<b>SPECIFICATIONS:</b>	D.O.T. 406-AL
<b>PRODUCT:</b>	GASOLINE/DIESEL
<b>MAXIMUM DENSITY:</b>	7.5#/GALLON
<b>TEMP. RATING:</b>	-20 TO 150° FAHRENHEIT
<b>CAPACITY:</b>	9500 GALLONS (INCLUDES OUTAGE PER EXHIBIT C)
<b>COMPARTMENTS:</b>	3000; 2100; 1300; 3100 OPPOSING DOUBLE BULKHEADS
<b>DESIGN:</b>	FRAMELESS
<b>SHELL LENGTH:</b>	486" (40'6")
<b>OVERALL LENGTH:</b>	504" (42'0") FRONT HEAD TO BUMPER
<b>SHELL:</b>	5454-H32 BUFFED ALUMINUM
<b>HEAD/BAFFLE:</b>	5454-0 BUFFED ALUMINUM
<b>OVERTURN RAILS:</b>	ALUMINUM EXTRUDED FULL LENGTH EACH SIDE DAM PLATES AT ENDS
<b>COUPLER HEIGHT:</b>	48" GROUND TO KINGPIN PLATE
<b>BUMPERS:</b>	BUFFED ALUMINUM LIGHT HOUSINGS STEEL DOT BUMPER

**TANK FITTINGS**

<b>DOMES COVER:</b>	(4) 10" X 16" WITH PRESSURE/VACUUM RELIEF VENT, OFFSET FOR VAPOR VENT AND OPTIC PROBE
<b>VAPOR VENTS:</b>	(4) 3" AIR OPERATED VENTS IN DOME COVERS
<b>VAPOR RECOVERY:</b>	4" LINE THROUGH TANK AHEAD OF SUSPENSION WITH ONE OUTLET CURBSIDE AHEAD OF SUSPENSION AND ONE OUTLET

**9500 GALLON FOUR COMPARTMENT  
STRAIGHT BARREL SEMI SPECIFICATIONS - CONTINUED**  
AT REAR OF DISCHARGE BOTH WITH 4" MALE ADAPTER AND CAP

**VALVES:** (4) 5" X 4" CIVACON AIR INTERNAL VALVES

**OPERATOR:** (1) MECHANICAL OPERATOR IN TOOLBOX

**DISCHARGE FITTINGS**

**PIPING:** 4" SCHEDULE 10 ALUMINUM CURBSIDE CENTER  
REAR COMPARTMENT SUMPED FORWARD

**DISCHARGE:** 4" API X 4" MALE QUICK COUPLER ADAPTERS WITH CAPS

**SIGHT GLASS:** FLANGE MOUNT SIGHT GLASS BEHIND BOTTOM LOADING HEADS

**MANIFOLD:** NONE

**SUCTION LINE:** NONE

**LOADING FITTINGS**

**BOTTOM LOAD:** (4) 4" API ON-OFF VALVES  
(4) 4" MALE ADAPTERS AND DUST CAPS

**DEFLECTOR:** (4) ALUMINUM SPLASH DEFLECTOR OVER INTERNAL VALVE

**BRAKE INTERLOCK:** INDIVIDUAL INTERLOCK VALVES ON BOTTOM LOADING HEADS  
AND VAPOR RECOVERY OUTLETS

**OVERFILL SYSTEM:** (4) SCULLY TOP OPTIC PROBES IN DOME COVER  
(1) SCULLY CONTROL MODULE  
(1) SCULLY OPTIC SOCKET  
(1) GROUND HOG BOLT  
MOUNTED ON PANEL IN TOOLBOX

**BODY TRIM**

**CATWALK:** NON-SKID TAPE BETWEEN OVERTURN RAILS

**LADDER:** ALUMINUM LADDER ASSEMBLY REAR OF TRAILER  
NON-SLIP STEPS

**CATWALK DRAINS:** THROUGH LADDER UPRIGHTS

**LEVEL INDICATORS:** NONE

**GROUNDING:** 1/8" GALVANIZED STEEL GROUNDING CABLE FROM WELD RING  
TO BOTTOM OF TANK

**FENDERS:** (2) RIBBED ALUMINUM FULL TANDEM SINGLE RADIUS FRONT  
(2) RIBBED ALUMINUM FULL TANDEM DOUBLE RADIUS REAR  
(4) MUDFLAPS

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<b>HOSE TUBES:</b>	(2) 7" X 21'0" ALUMINUM, CURBSIDE REAR, DOORS AT FRONT DRAINS THROUGH FENDER (1) 7" SHORT OVER FRONT CURBSIDE FENDER
<b>STICK TUBE:</b>	NONE
<b>TOOLBOX:</b>	ALUMINUM 24"W X 30"H X 44"L DOUBLE DOOR CURBSIDE REAR OF DISCHARGE WILL HOUSE OVERFILL PANEL AND AIR OPERATORS
<b>HITCH:</b>	NONE
<b>TIRE CARRIER:</b>	NONE
<b>PRODUCT TAGS:</b>	(4) 4-SIDED ALUMINUM ROTATING
<b>PLACARDS:</b>	(4) LABELMASTER "FLIP" STYLE
<b>PERMIT HOLDER:</b>	BETTS #920235 CURBSIDE LANDING GEAR BRACKET
<b>STATIC STUDS:</b>	(1) SET ON FRONT OF CURBSIDE DISCHARGE BRACKET
<b>CHAIN HOOKS:</b>	NONE

**ELECTRICAL SYSTEM**

<b>WORKLIGHT:</b>	(1) SWIVEL MOUNT BETTS BACK OF FRONT FENDER CURBSIDE FACING DISCHARGE AREA
<b>BACKUP LIGHTS:</b>	NONE

**UNDERCARRIAGE**

<b>SUSPENSION:</b>	(2) HENDRICKSON INTRAAX AANT BEAM 16" RIDE HEIGHT DUMP VALVE AHEAD OF SUSPENSION STREETSIDE
<b>SPRINGS:</b>	(4) AIR SPRINGS
<b>AXLES:</b>	(2) HENDRICKSON 23,000#, 71 1/2" TRACK, P-SERIES SPINDLES
<b>BRAKES:</b>	16 1/2" X 7" "Q" PLUS LININGS
<b>WHEEL END TYPE:</b>	10 STUD HUB PILOT (HP10)
<b>HUBS:</b>	(4) CONMET ALUMINUM, P-SERIES
<b>SEALS:</b>	STEMCO
<b>DRUMS:</b>	(4) FABRICATED STEEL, OUTBOARD MOUNT
<b>DUST SHIELDS:</b>	NONE

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**ABS/BRAKE SYSTEM:** HALDEX (2S/1M) PLC ABS

**BRAKE CHAMBERS:** (4) HALDEX TYPE 30/30 SPRING BRAKE CHAMBERS

**SLACK ADJUSTERS:** (4) HALDEX 5 1/2" AUTOMATIC SLACK ADJUSTERS

**WHEELS:** (8) 8.25 X 22.5 STEEL DISC

**TIRES:** (8) 11R22.5

**FRONT COUPLER:** INVERTED STEEL KINGPIN PLATE ASSEMBLY

**LANDING GEAR:** 2-SPEED WITH SANDSHOES

**FINISH**

**POLISH:** NONE

**PAINT:** ENTIRE UNIT PAINTED WHITE

**CONSPICUITY:** 2" WIDE REFLECTIVE TAPE  
D.O.T. MINIMUM COVERAGE

**SIGNS:** STANDARD BEALL EMBLEM AND CAUTION DECAL PACKAGE

**VAPOR TEST:** STANDARD EPA METHOD 27 FOR STATE OF OPERATION

**CALIBRATION:** INCLUDED WITH CHARTS AT 1/4" INCREMENTS

**EXHIBIT C:** INCLUDED

**REGISTRATION:** NONE

**EST. WEIGHT:** 9,400# PLUS OR MINUS 3% AT TIME OF MANUFACTURE