

# MODEL # 406S-02RSA



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## GENERAL

The following equipment shall be a new West-Mark DOT-406 tandem axle semi trailer.

OVERALL LENGTH: Approximately forty feet (40').

PRODUCT: Specify \_\_\_\_\_.

PRODUCT WEIGHT: Specify \_\_\_\_ lbs./gallon.

CODE VESSEL: DOT 406

TANK OPERATING PRESSURE: 3.3 PSI maximum.

TANK OPERATING TEMPERATURE: 125° F maximum

INTENDED AREA OF OPERATION: Specify \_\_\_\_\_.

INTENDED USE: Highway only.

### TRACTOR

- Tractor, Customer supplied.

### TANK/ MANHOLES/ VENTING

- Barrel, 7500 Gallons aluminum .250" oval, straight.
- Additional 3% gallons (minimum) for outage.
- Head(s), .250" 5454-O aluminum, dished and flanged.
- Baffle(s), seven (7) .250" 5454-O aluminum, dished and flanged.
- Additional 3% gallons (minimum) for outage.
- Outside of heads to be spin polished.
- Wings and Bolsters, Aluminum.
- Side fillers, with coupler plate adjustment rails.
- Weld Finish, interior to be W-0 inside.

Exterior weld finish to be W-1.

- Manhole(s), one (1) 20" w/ 10" fill, pressure actuated emergency venting
- Venting, one (1) pressure actuated emergency venting.
- Vapor Recovery, one (1) vent with aluminum hood located in manhole cover, plumbed into vapor rail.
- Vapor Piping, aluminum pipe out rear to ground hookup.
- Spilldam, aluminum vapor rail sides with drains.
- Walkway, non-skid tape in spilldam area.

- **Insulation- None. (Available as option upon request)**

### LADDERS/ WALKWAYS/ SPILLDAMS

- Spilldam, one (1) common aluminum.
- Ladder, one (1) aluminum at rear head. **No grab rails installed (available as option upon request).**
- Bumper Step, carbon steel swing away at rear bumper, if required, for easy access to ladder.

### LIGHTS AND WIRING

- Electrical System 12-volt, 7-way, and vapor proof. Lamps to be L.E.D. and meet all D.O.T. requirements
  - Four (4) stop/tail/turn lights in 2-hole, stainless steel boxes; 2 red each side.
  - One (1) red 3-light I.D. at rear
  - One (1) amber turn/marker light @ center of unit (prox.) each side if required by DOT.
  - One (1) amber marker light each side of unit at front.
  - One (1) red marker light each side of unit at rear.

- **Security Rings / Mount Covers- NONE. (Available as option upon request)**

- Reflectors, per D.O.T.

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- Conspicuity Striping, per D.O.T.
- Front Receptacle, 7-way nosebox w/ 15 amp circuit breakers.

## **PLUMBING**

- Plumbing Functions:
  - Gravity Off \_\_\_\_\_
  - Load through \_\_\_\_\_
- Sump(s), one (1) each.
- Internal Valve, one (1) aluminum with high level shut off and pre-check.
- Air operated emergency valve switch with fusible shutoff(s).
- Gravity Discharge/ Bottom Loading, one (1) emergency valve to 'Y' adapter with openable API bottom loading adapter with cap at top and gravity discharge with aluminum Camlock and cap connection at bottom.
- **Top Loading- No top loading abilities supplied. (Available as option upon request)**

## **UNDERCARRIAGE**

- Kick Plate, stainless steel.
- King Pin Plate, adjustable carbon steel upper coupler set at a 48" ride height.
- **Wear Pad- NONE. (Available as option upon request)**
- Landing Gear Subframe, stainless steel.
- Landing Leg Supports, stainless steel pipe style.
- Landing Gear, 2-speed steel w/ sand shoes.
- Rear Subframe, stainless steel for a tandem axle suspension.
- Suspension, two (2), 23K min, air ride, w/ shock absorbers
- Axles, two (2) 23K min 71-1/2" track, with HUB piloted mounting.
- Brake Drums, manufacture chambers w/ auto slacks, tone rings for abs.
- **Dust Shields, Brakes- NONE. (Available as option upon request)**
- Outer Wheel(s), four (4) steel painted.
- Inner Wheel(s), four (4) steel painted.
- Tire(s), eight (8) commercial grade radial.
- Height Control, one (1) valve.
- Dump Valve, manual
- **Tire Management System- NONE. (Available as option upon request)**
- Rear Bumper, carbon steel D.O.T. code.
- Brake System, to D.O.T. specifications, with roll stability and ABS malfunction/ operation light.
- Front Fenders, aluminum contour.
- Fender Pipe Mounting, stainless steel with U-bolts and under straps.
- Mudflaps, WHITE poly, anti-spray type.
- Rear Fenders, aluminum contour.
- Fender Pipe Mounting, stainless steel with U-bolts and under straps.
- Mudflaps, WHITE, poly, anti-spray type.

## **MISC.**

- One (1) Brass grounding stud for external grounding.
- One (1) Grounding cable inside tank from manhole to lower baffle area or internal valve for internal grounding.
- Static Reel(s), one (1) spring rewind with 50' of cable and clamp.
- **Load Monitoring System- NONE. (Available as option upon request)**
- One (1) 20 lb. ABC fire extinguishers shall be provided.
- **Spill Kit- NONE. (Available as option upon request)**
- The word "FLAMMABLE" applied to the rear and each side of vehicle tank.
- The words "NO SMOKING WITHIN 50 FEET" applied to the rear and each side of vehicle tank.
- Product designation (i.e. "GASOLINE", "DIESEL", etc.) applied to rear and each side of vehicle tank.
- Emergency switches shall be clearly marked "EMERGENCY FUEL SHUTOFF" in 2" lettering.
- Operation decals indicated by a clearly visible arrow or by the word "PUSH" or "PULL" as appropriate.
- **Flow Diagram- NONE. (Available as option upon request)**
- Placard Mounting, one (1) at rear, one (1) front bumper, and one (1) on each side at easy to reach locations.
- Placard Holder(s), four (4) slide-in type with clip.

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- **Placards- NONE. (Available as option upon request)**
- Paint, on all carbon steel fabricated parts.
- Inspection Decals, HM-180 inspection form and VIKP decals shall be provided with unit.
- One (1) operation and maintenance manual(s) in paper format and one (1) on CD ROM complete with:
  - Operator & Maintenance Manual
  - Calibration Chart (if Applicable)
  - Equipment Parts List
  - Misc. Vendor Literature / Manuals
- Theoretical calibration chart shall be supplied
- **RFID Tag- NONE. (Available as option upon request)**
- Vehicle Data Plate(GSA): None.
- Testing and QC, internal final Inspection performed prior to, and in preparation of an Inspection.
- Vehicle shall be road tested

Any and all Brand Name parts mentioned in specifications above are subject to substitution of an equal part that is of a different brand. Other substitutions may also be made if said substitution does not affect the intended function of the vehicle's mission and is equivalent or an upgrade as determined by West-Mark. All specified dimensions are nominal and may vary slightly.

Warranty, unit shall be free from defects in material and workmanship for a period of ONE (1) year.

F.O.B.:

West-Mark (CAGE: 880W5)

581 Industry Way

Atwater, CA 95301. (F.O.B. destination available as option upon request.)

INSPECTION AND ACCEPTANCE:

West-Mark (CAGE: 880W5)

581 Industry Way

Atwater, CA 95301