



2022 PETERBILT 548, DOT LIQUID VAC 870

EQUIPMENT SPECIFICATIONS

CODE: D.O.T. 412 VESSEL WILL BE CONSTRUCTED AND CERTIFIED IN CONFORMANCE WITH THE ASME BOILER AND PRESSURE VESSEL CODE (SECTION VIII, DIVISION 1).

TANK CAPACITY: 3,150 USG (70 BBL)

HEAD MATERIAL: 5/16" CARBON STEEL SA-516-70

SHELL MATERIAL: 5/16" CARBON STEEL SA-36

TANK DIAMETER: 72" OD

DESIGN PRESSURE: (INTERNAL) 25 P.S.I., (EXTERNAL) 15 P.S.I. (FULL VACUUM)

MINIMUM HEAD THICKNESS: .2203 INCHES

MINIMUM SHELL THICKNESS: .188 INCHES

HYDROSTATIC TEST PRESSURE: 37.5 P.S.I.

MAXIMUM ALLOWABLE WORKING PRESSURE: (MAWP) 25 P.S.I.

OPERATING TEMPERATURE: -20°F TO 200°F

REINFORCEMENT RINGS: ½" FLAT BAR, EXTERNAL REINFORCEMENT RINGS

OVERTURN PROTECTION: OVERTURN PROTECTION WITH REINFORCEMENT PADS

PRESSURE RELIEF VENT: 3" STAINLESS STEEL, 25 P.S.I. (412)

PRIMARY SHUT OFF: 4" PRIMARY WITH 6" STAINLESS STEEL FLOAT BALL SEATING AGAINST A NEOPRENE SEAT

ISOLATION VALVE: 4" AIR OPERATED BUTTERFLY VALVE BETWEEN PRIMARY SHUT OFF AND SECONDARY SHUT OFF

VACUUM GAUGE: TWO (2) 30/30 VACUUM/PRESSURE GAUGES, ONE INSTALLED NEAR CONTROLS, ONE INSTALLED ON REAR HEAD

LIQUID LEVEL INDICATOR: EXTERNAL ARROW ROTARY FLOAT GAUGE WITH 8" STAINLESS STEEL FLOAT BALL, TEFLON PACKING & TEFLON SEAT, WITH GREASE FITTING

TOP MANWAY: ONE (1) 20" DIAMETER MANWAY WITH NEOPRENE GASKET

SUCTION VALVE: ONE (1) 4" AIR OPERATED SELF-CLOSING NVE VALVE, COUPLING, 12V HEAT BLOCK, AND DRIP CAP

INTERNAL RISER PIPE: 4" WITH DEFLECTOR WEAR PLATE

DISCHARGE VALVE: ONE (1) 6" AIR OPERATED SELF-CLOSING NVE VALVE, COUPLING, 12V HEAT BLOCK, AND DRIP CAP

VACUUM PUMP: RCF 870 FRUITLAND VACUUM PRESSURE PUMP, AIR COOLED, 512 CFM FREE AIR RATING 28" HG MAXIMUM VACUUM, HYDRAULIC DRIVEN

HYDRAULIC COMPONENTS: HYDRAULIC HOSES, 80 GALLONS. HYDRAULIC RESERVOIR, WITH HYDRAULIC COOLER, SUCTION STRAINER, FILL CAP, OIL FILTERS, SIGHT GLASS, 3 SPOOL VALVE BANK FOR PUMP, DOOR, & HOIST

VACUUM LINES: 4" WIRE REINFORCED, CONTINUOUSLY GROUNDED, NEOPRENE VACUUM / PRESSURE HOSE

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DISCLAIMER: Specifications are believed to be correct, but may contain errors and/or omissions. Pictures are representative and may not be identical.

EQUIPMENT SPECIFICATIONS, CONTINUED

REAR DOOR: FULL OPENING REAR DOOR, HYDRAULIC OPERATED, HEAVY DUTY WINGBOLT CLOSURES

DOOR SAFETY PROP: PATENTED SELF-ENGAGING BACK-DOOR SAFETY PROP

PUMP MUFFLER: OIL CATCH MUFFLER WITH DRAIN VALVE, CAMLOCK COUPLING FOR EXHAUST HOSE ADAPTER

HOSE HOOKS: TWO (2) HOSE HOOKS MOUNTED ON REAR DOOR

WALKWAY: NINE-FOOT ANTI-SKID GRIP-STRUT WITH HANDRAIL AND FOLD DOWN ALUMINUM LADDER

HOSE TRAYS/FENDERS: FULL LENGTH COMBINATION HOSE TRAYS AND FENDERS ONE ON EACH SIDE OF TANK TO BE PAINTED BLACK

BUMPER: D.O.T. HEAVY DUTY BUMPER FOR UNDER RIDE PROTECTION

PRESSURE RELIEF VALVE: 2" BRASS PRESSURE VALVE SET AT 14 PSI

VACUUM RELIEF VALVE: 1 1/2" BRASS VACUUM VALVE SET AT 23 IN.

PLACARDS: FOUR (4) MULTI-PURPOSE

CHASSIS SPECIFICATIONS

MAKE: PETERBILT

MODEL: 548

ENGINE: PACCAR PX9 350 HP

TRANSMISSION: ALLISON 3000 RDS AUTOMATIC

FRONT AXLE: DANA SPICER D2000F 20,000 LB, 3.5 IN. DROP

REAR AXLE: DANA SPICER DSP41 40,000 LB

REAR SUSPENSION: PETERBILT AIR TRAC 40,000 LB

WHEELS: ALCOA CLEAN BUFF FINISH ALUMINUM

