

# Portable Oil Charge Cart Solutions for High-Volume/High-Pressure Fluid Delivery

Our team works alongside various customers and manufacturers to provide portable oil charge carts for servicing sealing systems on process pumps. This service supports many industries across the world, including oil and gas, refinery, petrochemical and chemical, and pump and compressor operators, as they work to transfer buffer and barrier fluids into sealing systems.

When a customer on the Gulf Coast contacted us about their need for a pair of oil charge carts to service the seal support systems on their process pumps, the BSA team was able to deliver a solution that checked all their boxes.

## The Challenges

This customer wanted a larger reservoir constructed from stainless steel and a hand-operated pump that could deliver a higher volume of fluid per stroke than can typically be found in commercially-available support equipment.

We often hear from customers that commercially-available oil charge carts cause a slew of headaches—from long lead times to a lack of customizable design features to high prices.

As seals in these process pumps leak, the seal support systems need to be refilled. The application could demand a refill cart to perform the refilling operation in a low or high pressurized environment. This means that the oil charge cart must be highly portable, robustly built, dependable and customizable to the application—all without breaking the bank.

## The Solution

Our solution was to provide a portable cart that would offer all those things, designed and built to accommodate various application requirements, regardless of the operating environment. The BSA team was, once again, able to deliver a custom and cost-effective solution that will provide years of reliable service for our customer.

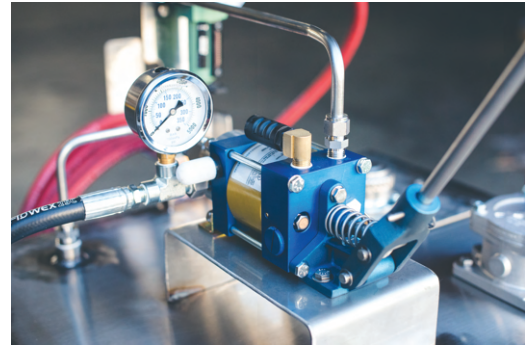


## Key Outcomes

In the end, this particular customer received a portable oil charge cart with:

- Rapid delivery with higher delivery volume
- Stainless steel construction with larger reservoir capacity
- Recognizing the need of a readily deliverable solution with a rugged design that's customizable for each application, led to a new generation of product focused on the component design fitting the application demands; not the fitting the application to whatever is traditionally available.

A true success on all fronts and another opportunity for BSA to be the solution provider - laser focused on designing an answer that satisfies the application requirements and not just "checks most of the boxes."



## Experiencing a Similar Challenge?

The BSA team provides our customers oil charge carts available with the following options:

- Stainless steel oil reservoir construction
- Coated carbon steel reservoir construction
- Custom and maneuverable fifth-wheel-style mobile cart
- Oil retention lip on perimeter of fifth-wheel cart deck designed to contain the entire volume of the reservoir
- Two-wheel hand truck cart
- Discharge hose racks
- Discharge and/or air supply hose reel assemblies
- Manual pumps (various pressures)
- Air-operated pumps (various pressures)
- Air-operated pumps with manual override operation (various pressures)
- On-board filtration for filling cart reservoir
- Reservoir cleanout/access covers
- Discharge fluid filtration
- Pressure gauges, fluid level gauges (Tritan sight glasses), and drain port
- Private labeling available

**If you have a need for oil charge carts or other pump support equipment, we have a solution for you.**