

APPLICATIONS

May, 1997 volume 2

SIC CODE 2869

Solvent Transfer

Transferring a non-lubricating solvent from a truck to a tank or from the tank to the processing facility can be tricky. WHY? Because of the impact lack of lubricity can have on the life of a pump's internal parts. Also, since solvents can be very expensive any liquid left in the pipe or tanks is lost profit. It is very important to install a pump that will maintain steady flow under varying pressures and that will also line strip when the

tank is empty. What pump meets all the above criteria? Blackmer GX and X models!

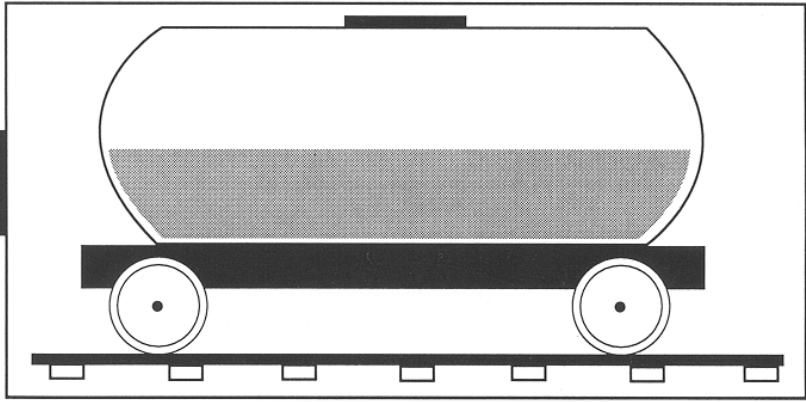
Typically most solvents will be about 30 SSU or less at 70 degrees Fahrenheit temperature. Many applications are being pumped at less than 50 psi working pressure. Watch the Vapor Pressure!

Competition

- Gear pumps
- Centrifugal pumps
- Lobe pumps
- Other vane pumps

Glossary

- **LINE STRIP** - to run the pump after the tank is empty to remove as much residue from the intake as possible.
- **PSI** - (pounds per square inch) a method of describing pressure.



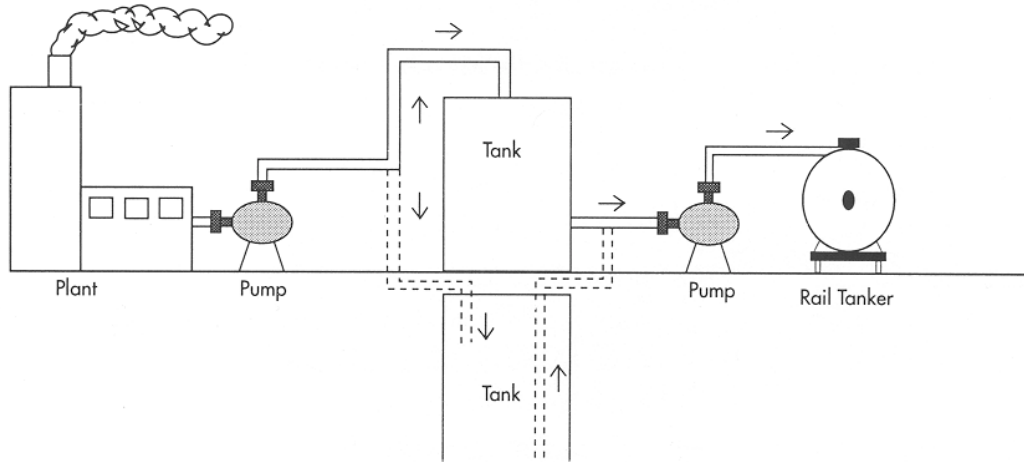
The diagram shows a side view of a truck chassis with a large cylindrical tank mounted on top. The tank is partially filled with a liquid, indicated by a shaded area. The truck is shown on a set of rails, suggesting it is a rail-mounted tanker. The entire diagram is enclosed in a rectangular frame.

<input type="checkbox"/> Solvent transfer	<input type="checkbox"/> Chemical plants, paint facilities
<input type="checkbox"/> GX and X pumps	<input type="checkbox"/> Low cost of ownership in maintenance and operating

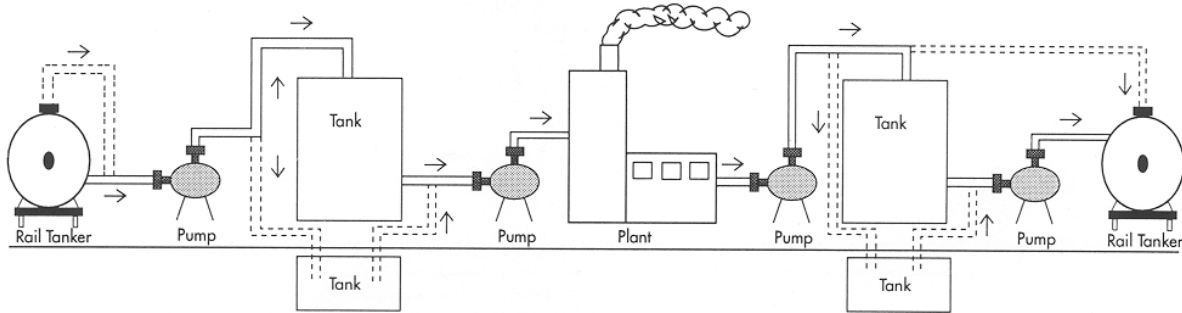
CHECKLIST

1. SUCTION CONDITIONS
 - A. Lift
 - B. Valves, T's, Elbows, Manifolds
 2. FLOW RATE REQUIRED
 3. SYSTEM PIPING EQUAL TO OR LARGER THAN PUMP PORT SIZE
 4. AVAILABLE SITE UTILITIES vs PUMP DRIVER REQUIREMENTS
 5. REQUIRED DUTY CYCLE (Expected operation time, hours per day)
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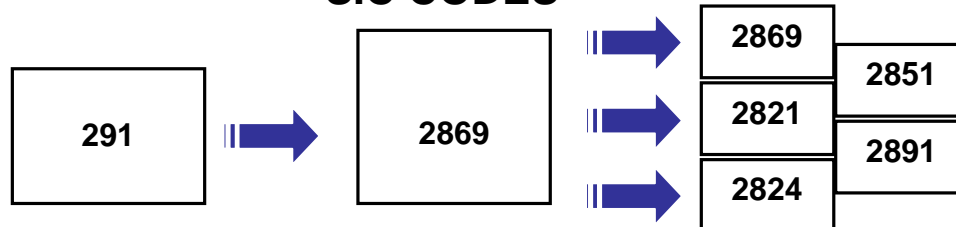
SOLVENT MANUFACTURING



END USER



SIC CODES



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