

Custody Transfer Application

Masterleo is a long-time service provider for the food and dairy industries. Our expertise, commitment to excellence, and customer service set us apart as an industry leader in support services.

Knowledge. Respect. Commitment.

Whether you need preventative maintenance, emergency service, instrumentation, engineering services and/or third-party audits, Masterleo is the business partner for you. Many fortune 500 companies put their trust in us to increase efficiency, reduce operating costs and increase company profits.



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MASTERLEO
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Solutions. Service. Support.



A Solid Solution to Cost Savings

Every processing plant executive knows—and winces at—the term “shrinkage.” It’s the loss of bottom-line profit caused by factors such as inadequate measurement. A prime shrinkage site is the receiving dock where the custody of raw product is transferred from the hauler to the plant.

Exactly how much product are you buying? Perhaps you rely on the hauler’s dipstick estimate with its inevitable inaccuracies. Or you depend on a weigh scale, and pay for the weight it registers. However, you are often paying for extra truck loading due to dirt, snow, ice, additional surplus poundage, and product that is left in the tank after pumping. The dairy business for example, has always conducted business this way and it was accepted that there was no way to change it. Until now.



The Foxboro Advantage

- The CFT51 is the only coriolis system suitable to deal with the large amounts of entrained air that exist at the beginning and end of a truck off loading
- Start and finish empty capability (important for milk applications)
- Fast response time to deal with aggressive slugging
- Better than scales, better than the competition, remarkable payback

Our system can handle
30%
entrained air



Case Study

A large midwest dairy co-op installed multiple ML/ Foxboro applications three years ago after testing two other manufacturers with limited success.

After two years of successful operation with the Foxboro Custody Transfer Application, the client has documented success in reducing shrink.

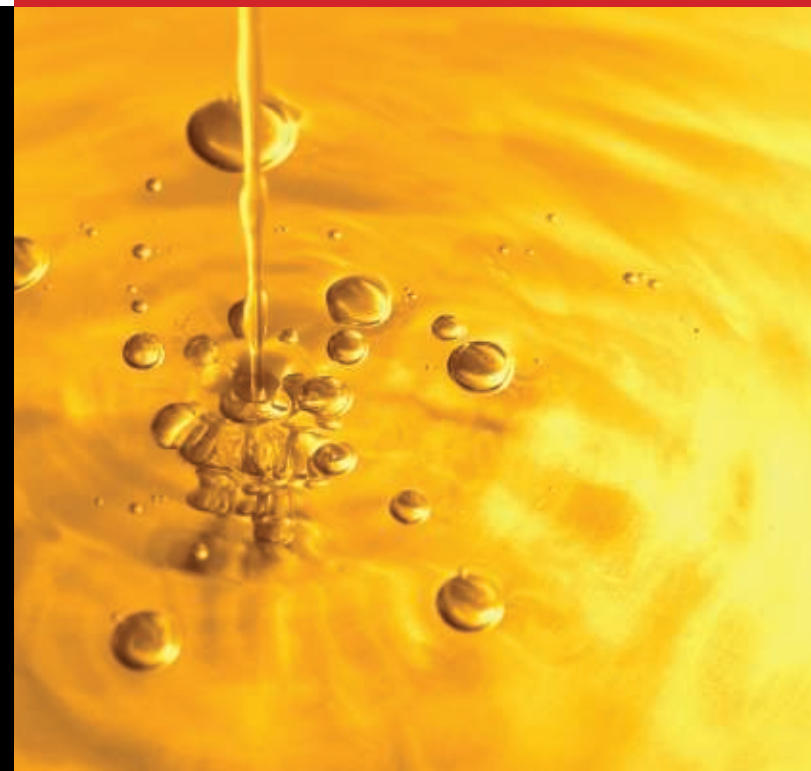
No air eliminators needed =
SUBSTANTIAL SAVINGS



What is Custody Transfer?

A Custody Transfer flow meter, sometimes called a fiscal meter or billing meter, is a flow meter used to determine how much of a commodity changes hands in exchange for some monetary or financial consideration. Commodities suitable for this application:

- Dairy Processing
- Ethanol/ Bio Fuels
- Food and Beverages
- Liquid Fertilizers
- Potentially any liquid transported by tank trucks, or rail cars...particularly when money changes hands



1 Month Snapshot of Savings

Before : 6.70% loss of profit
After : .17% loss of profit