

CRUDE OIL TRANSFER

Info BITS



Hydra-Cell® Proves Easier to Service in LACT Systems

An oilfield OEM has sold several Lease Automatic Custody Transfer (LACT) systems that use either two Hydra-Cell T100 or two Hydra-Cell Q155 pumps per system. The pumps receive crude oil collected from several well pads, and then pump the crude into a pipeline that brings it to a refinery.

Each LACT system includes a high-precision flowmeter and sampling unit to verify the quantity and quality of crude oil sold from the exploration and production company to the midstream pipeline company. They can transfer up to 6000 BPD per system with two T100E pumps, and up to 8000 BPD when equipped with two Q155E pumps.

Hydra-Cell pumps replaced external gear pumps in the OEM's earlier LACT systems because Hydra-Cell is easier to service and offers the advantages of a seal-less design. For example there are no seals, cups, or packing to leak, wear, or replace with Hydra-Cell.



Pump Model: Q155ERDGHFEHAY x 2
Flow: 4000 BPD (117 gpm; 442 l/min) per pump
Pressure: 600 psi (41 bar)
Application: LACT system for transferring crude oil from an oilfield to a midstream pipeline

**Seal-less
Design!**

Hydra-Cell®
Seal-less Pumps

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