Application story

WANNER™
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES

# Crude Oil Transfer (2)

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| **Location** | India (Installation: March 2022) | **Hydra-Cell model** | Q155ECDGHFESBX x 4 |
| **Type of application** | Crude Oil Transfer | **Flow rate** | 35.0 M3/Hr |
| **Liquid** | Crude Oil | **Pressure** | 45.0 KG/CM2g |

**Application details**

The main function of a Central Bowser Unloading Station (CBUS) is to receive crude oil from road tankers (Bowsers) and transfer to an existing delivery pipeline for onward transmission to a Central Tank Farm (CTF/STF).

The customer previously had NOV reciprocating plunger pumps installed and experienced recurring leakage of the crude oil, resulting in high maintenance costs due to seal replacement which further resulted in downtime and a decrease in overall site output. The high quantity of crude oil spillage caused a serios environmental and safety hazard.

The Hydra-Cell® Q155 pumps successfully passed all testing required to meet API 674 standards and then replaced the failed plunger pumps.

**Advantages of Hydra-Cell pump on this application**

Seal-less design ensures no leakage resulting in a clean site, no unplanned down-time; operating and maintenance costs are greatly reduced as seal replacement is completely eliminated.


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