

Application story

WANNER
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Hydrocarbon Condensate Transfer (6)

Location	West Refinery Secunda, Mpumalanga, South Africa	Hydra-Cell model	G35EKQGHFECB
Type of application	Hydrocarbon Condensate Transfer	Flow rate	6 m ³ /hr (1585 GPH)
Liquid	Hydrocarbon Condensate (LP) Hydrocarbon Condensate	Pressure	Discharge 61 Barg. Suction 18 Barg
Application details	Secunda Synfuels Operations receives coal from five mines in Mpumalanga. After being crushed, the coal is blended to obtain an even quality distribution. Electricity is generated by both steam and gas and used to gasify the coal at a temperature of 1300°C This produces syngas from which two types of reactor - circulating fluidised bed and Sasol Advanced Synthol™ reactors – produce components for making synthetic fuels as well as a number of downstream chemicals. Gas water and tar oil streams emanating from the gasification process are refined to produce ammonia and various grades of coke respectively. The Hydra-Cell pumps are used to transfer the LP Hydrocarbon condensate in the process. API674 plunger pumps were initially specified in the tender documents.		
Advantages of Hydra-Cell pump on this application			

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