

RMF Systems Case

TEST FACILITY

HAWE Hydraulik produces hydraulic components and systems, with one consistent feature being that all pressurized components are made from steel. The company was founded in 1949 in Munich by Karl Heilmeyer and Wilhelm Weinlein. The company's original title was 'Heilmeyer und Weinlein, Fabrik für Oelhydraulik GmbH & Co. KG'. The phonetic spelling of the founders' initial (Ha+We) was the cue for the company name HAWE. Since its foundation HAWE Hydraulik has always been an owner-run company. Its production facilities are based in Germany at currently 8 sites. HAWE Hydraulik products are sold worldwide through a distributor network of presently 14 subsidiaries and well over 30 sales partners.

HAWE manufactures sophisticated hydraulic components and hydraulic controls for the Mobile, Industrial and Renewable Energy market.

HAWE Inline Hydraulik GmbH in Berlin is the production facility for the swash plate design piston pumps. Recently a state of the art test centre was build in the facility for testing of variable displacement open loop piston pumps.

The hydraulic power unit delivers 355 kW to each of the three bench stations, with a maximum pump pressure of 450 bar and a noise level below 75dB (A).

To make sure that the hydraulic fluid in HPU remains well conditioned the air venting is done through an RMF Systems KL121R and the oil is kept clean through an RMF off line OLU2B60G3B.

The Fiberglass filter elements (conventional pleated construction) are extremely efficient and have a large dirt holding capacity. The elements are available in a fineness of 1, 3 micron and water absorbing elements with a fineness of 5 micron.

The KL121R desiccant breathers remove moisture from the air and 3 micron microglass airfilter removes airborne solid particles.



OLU2B Off-Line Unit

KL121R Desiccant Breather

