








Increase in service life of seal gas sealing devices

HYDAC Betterfit filter elements reduce maintenance costs

Key figures	
Before	HYDAC
Filter elements / year  35 pc. EUR 52,500	Filter elements / year  7 pc. EUR 8,000
Repair / Downtime  45,000 EUR	Repair / Downtime  11,000 EUR
Saving p.a.  EUR 78,500	





Betterfit filter elements



Advantages over conventional market design:

- More reliable component protection
- Higher-quality filter elements
- Optimum filter service life
- Increased safety of operation
- Lower maintenance and spare part costs

Initial situation

Due to the continuous failures of seal gas sealing devices in a compressor station, a russian mineral oil company turned to HYDAC.

Analysis and solution approach

Ideally, a HYDAC seal gas filter GCF with an integrated cyclone pre-separator should have been installed. Since system engineering would have taken a lot of time and the customer needed to be helped quickly, the system was fitted with HYDAC Betterfit filter elements.

Result

Thanks to the excellent filtration efficiency of the HYDAC Betterfit filter elements, system availability was significantly increased.

→ **A laboratory test arranged by the customer confirmed the significantly better performance of the HYDAC Betterfit filter elements**

Outlook

Due to the persuasive results and further improvements made to the system, the customer decided to convert the system and fit it with a HYDAC GCF with integrated cyclone pre-separator.

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