# CLEAN FLUIDS FOR CLEAN ENERGY





# Component Supplier for Filtration of Hydraulic Power Units and Lube Systems in Wind Turbines

Certified according to ISO 9001 - Warehouse, commercial support and logistic globally



#### **Filtration of Gearbox Lube Oil**

#### Supplier in original equipment for the filtration

of gearbox and bearing lubrication systems made by system suppliers to world leading brands in Wind Energy business

#### Replacement Filter Elements

direct fit in filter housing of most common brands

#### **Dual-Stage Filtration**

- Wire mesh pre-filtration, main filtration with glass fibre mesh
- Bypass-protection through pre-filter

#### Air breather and filler plugs

SAW 115 Moisture control desiccant air breather



### **Precision in Measurement Technology**

#### Analysis of Fluid Contamination

LPA3 Portable High precision contamination measurement unit for lab and field service use ICM 2.0 & ICM 4.0 WiFi Inline measurement unit for continuous monitoring of fluid contamination in operation

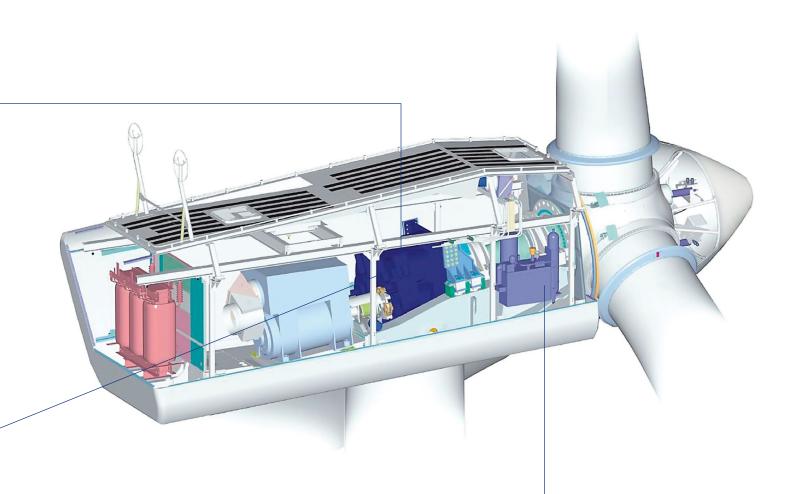
#### Characteristics

- Easy to handle as stand-alone device or integrated in control systems
- Immediate indication of contamination according to ISO/NAS-Standard
- Storage of data on internal memory for long term trend analysis
- Data exchange and communication option with common data systems
- Suitable for hydraulic, lubrication and other fluids









# Filtration in the Hydraulic Control Circuits

#### Supplier in the original equipment

for the filtration in hydraulic power units supplied to world leading brands in Wind Energy business

#### Replacement filter elements

for pressure and return line filters in hydraulic control systems and power units

- High dirt retention capacity
- Extended life time
- Particle-retention rate higher than 99,9 % / r.. > 1000
- High service reliability and filtration performance in long life applications and with critical operational conditions













Alternative Filter Elements for different brands	
Filtration Group Spin On-Cartridge	MP FILTRI Spin On-Cartridge
PX37-13-2-smx10 (old type: HC 35)	CSP40060A10A
Filtration Group DIN-Filter Element	MP FILTRI DIN-Filter Element
PI 23100 RN smx10	CU900A10ANP01
Special Filter Elements (Dual-Stage-Element)	
Filtration Group Filter Element	MP FILTRI Filter Element
H 1300 RN2 010 /Sonder WK	DK320DSA10ANDP01
H 2600 RN2 010 /Sonder WK	DK340DSA10ANDP01
HYDAC Filter Element	MP FILTRI Filter Element
1300 R 010 BN4HC/-B4-KE50	DK320DSA10ANDP01
2600 R 010 BN4HC/-B4-KE50	DK340DSA10ANDP01
PALL Filter Element	MP FILTRI Filter Element
HC8300FKS39H-YC11	PL0103DSA10ANDP01
ARGO Filter Element	MP FILTRI Filter Element
K3.1449-66	DK320DSA10ANDP01
K3.1493-66	DK340DSA10ANDP01
BOSCH REXROTH Filter Element	MP FILTRI Filter Element
65.1300.PWR10)/G40-000-B4-M	DK320DSA10ANDP01
65.2600.PWR10/G40-000-B4-M	DK340DSA10ANDP01

# Filtration Performance Certified

BY LABORATORY TESTING

## FILTRATION PERFORMANCE GUARANTEED BASED ON ISO-STANDARDS

ISO 2941	Collapse Test / Burst Test
ISO 2942	Verification of Fabrication Integrity of Filter Element
ISO 2943	Verification of Compatibility with Fluid
ISO 3723	Method for end load test of filter element
ISO 3724	Flow Fatigue Test with Particulate Contamination
ISO 3968	Evaluation of Pressure Drop versus Flow Characteristics
ISO 16889	Multi-pass Test for Evaluation of Filtration Performance









## WORLDWIDE NETWORK



HEADQUARTERS

10 BRANCHES

OVER 100 DISTRIBUTORS

Germany

France

USA

**Russian Federation** 

China

**United Kingdom** 

India

Canada

Singapore

**United Arab Emirates** 

PASSION TO PERFORM