

Gamesa Wind Turbine Filter Element Upgrade



G52-850 kW
G87-2.0 MW

Hy-Pro DFE Rated Filter Element
Gamesa Wind Turbine Upgrade Kits

High Efficiency Filter Elements
& Breathers Yield Cleaner Fluid
(Lower ISO Codes)

Cleaner Fluid Extends Gearbox,
Hydraulic Component & Fluid Life

Media

G8 media pleat pack features our latest generation of graded density glass media that delivers required cleanliness while optimizing dirt capacity.

DFE Rated (Dynamic Filter Efficiency)

DFE rated elements perform true to rating even under demanding variable flow and vibration conditions. Today's industrial and mobile hydraulic circuits require elements that deliver specified cleanliness under all circumstances. Wire mesh supports the media to ensure against cyclical flow fatigue, temperature, and chemical resistance failures possible in filters with synthetic support mesh.

Fluid Compatibility

Petroleum based fluids, water glycols, polyol esters, phosphate esters, HWBF. Contact Hy-Pro for seal selection assistance.

Tested to ISO Quality Standards (ISO-9001)

ISO 2941	Collapse and Burst Resistance
ISO 2942	Fabrication and Integrity Test
ISO 2943	Material Compatibility with Fluids
ISO 3724	Flow Fatigue Characteristics
ISO 3968	Pressure Drop vs. Flow Rate
ISO 16889	Multi-Pass Performance Testing

Water Removal Media Available

Media code "A" specifies G8 Dualglass media co-pleated with water removal scrim to produce a filter that can remove water while maintaining $\beta_{x_{(C)}} > 1000$ efficiency down to $1\mu / 2.5\mu_{(C)}$. Ideal for off-line filtration systems.



Normally wind turbines are fitted with breathers that prevent only particulate ingress. Consider upgrading to a Hy-Dry desiccant breather to protect your system from ingress of water & particulate contamination.



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