

C1083-KE50 Gearbox Filter Element

OEM interchangeable element for the wind market. Our elements meet or exceed all OEM specs. Provides high-efficiency filtration with low pressure drop. With a high dirt-holding capacity, they are ideal for highly contaminated lubricants.



Specifications

MATERIALS & COMPONENTS:

- **Media Type:** Microglass with Stainless Steel
- **End Caps:** Nylon & Steel
- **Center Tube:** Corrosion Protected Steel
- **Seals:** Viton (FPM)

CHEMICAL COMPATIBILITY:

- Compatible with all mineral oils, most synthetic oil (PAO & PAG)
- Contact Des-Case technical support for other compatibility inquiries

PERFORMANCE SPECIFICATIONS:

Product Specification	C1083-KE50 (5 Micron)	C1083-KE50 (10 Micron)
Part Code	DC-C10830D30CV-B4-KE50	DC-C10830D30EV-B4-KE50
Filtration Rating (Performance $\beta_x(c) \geq 1000$ per ISO 16889)	7 μm	12 μm
Clean ΔP (Performance per ISO 3968)	<1 psi / <.1 bar (ΔP)	<1 psi / <.1 bar (ΔP)
Apparent Dirt Holding Capacity (Performance per ISO 16889)	.66 lb / 300 g	.66 lb / 300 g
Collapse Pressure Rating (Performance per ISO 2941)	145 psi / 10 bar (ΔP)	145 psi / 10 bar (ΔP)
Replacement Pressure	50 psi / 3.5 bar	50 psi / 3.5 bar
Flow Direction	Outside to Inside	Outside to Inside
By-Pass Cracking Pressure	58 psi / 4 bar	58 psi / 4 bar
By-Pass Element Rating	50 μm Stainless Steel Mesh	50 μm Stainless Steel Mesh
Temperature Range	-4 °F to 212 °F / -20 °C - 120 °C	-4 °F to 212 °F / -20 °C - 120 °C

DIMENSIONS:

Note: All dimensions are in inches/[mm]

