

# TURBO-TOC®

## Turbine Oil Conditioning Systems

### ELEMENTS - PORTABLE TURBO-TOC® KLP SERIES

The Kaydon Portable Turbo-TOC® (KLP Series) is a mobile turbine oil conditioning system designed to provide on-demand removal of water and particulate contamination. Ideal for reservoir maintenance and outage support, the KLP unit delivers ISO cleanliness improvements and rapid water separation without interrupting turbine operation.



#### **TURBO-TOC®** **Particulate Elements**

The portable TURBO-TOC® system utilizes the same proven filter media as fixed TURBO-TOC® units in a more compact footprint. These filters maintain system cleanliness, support reliable turbine performance, and extend oil life during both runtime and maintenance events, all while offering the flexibility of mobile deployment.

#### **TURBO-TOC®** **Coalescer and Separator Elements**

Kaydon's portable TURBO-TOC® systems use dedicated coalescer and separator elements to remove free and emulsified water from turbine oil with high efficiency. The coalescer captures dispersed water and merges it into larger droplets, while the separator prevents re-entry—delivering dry, clean oil without the need for heat, chemicals, or vacuum systems.



Part Number		KMP9600AKF8V	C220270	C220271
Element Type		Particulate	Coalescer	Separator
Performance	ISO Cleanliness	ISO 15/13/11	ISO 15/13/11	-
	Efficiency	$\beta_x = 1000 @ 4.2\mu$	$\beta_x = 1000 @ 5.1\mu$	-
Fluid Compatibility		Mineral-based Turbine Oil		
Maximum Viscosity		ISO 68		
Operating Temperature Range		32 - 200 °F (0 - 93 °C)		
Terminal Pressure Drop		25 psid (1.7 bar)	15 psid (1.0 bar)	15 psid (1.0 bar)
Nominal Dimensions (D x L)		3 x 8 in (76 x 203 mm)	4 x 16 in (102 x 406 mm)	4 x 12 in (102 x 305 mm)
Weight (approx.)		13 lbs (5.89 kg)	3 lbs (1.36 kg)	2 lbs (0.91 kg)



**KAYDON FILTRATION**  
Filtration Group®



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