PRODUCT DATASHEET

Lube and Control Oil Filter Elements and Duplex Housings

Turbine oil filter elements and duplex housings





DETAIL – DUPLEX FILTER HOUSINGS

OVERVIEW

The Tech Inc. Lube and Control Oil Filter Elements and Duplex Housings serve the lube-oil, control-oil, seal-oil and fuel-oil systems of turbine sets at power plants. Elements are made as interchangeable replacements for common OEM designs, and duplex filter housings are re-engineered from the plant's own samples where the original drawings are not available.

MODELS AND CONFIGURATIONS

- **Lube-oil filter elements** – interchangeable replacements for turbine lube-oil filters.
- **Control-oil filter elements** – fine elements for control and governing oil.
- **Seal-oil and fuel-oil filter elements** – for generator seal-oil and fuel-oil skids.

TYPICAL DESIGN DATA

Element fit	Interchangeable replacement for common OEM designs, with dimensions, seals and end caps measured from samples
Filtration rating and media	Matched to the original element, or to client specification
Housings	Duplex, with changeover valve for element change while running
Housing drawings	Prepared from the plant's samples and submitted for approval
Materials	To client specification
Fluids	Turbine lube oil, control oil, seal oil and fuel oil
Pressure and temperature	To the original equipment rating or client specification

APPLICATIONS

Turbine lube-oil systems, control-oil and governing systems, jacking-oil systems, generator seal-oil systems and fuel-oil skids at coal and gas-fired power stations.

KEY ADVANTAGES

- **Re-engineered to fit** – parts measured from the plant's own samples, with no OEM drawings needed
- **On-line changeover** – duplex housings keep the turbine running while an element is changed
- **Clean oil** – correct filtration protects bearings, servo valves and governing equipment
- **Complete oil system scope** – elements, housings, HPU modules and skid sub-assemblies from one maker
- **Made in Chennai** – in-house manufacture for plants in India and the region

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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