



# RecondOil Boost

## An engineered solution for boosted oil cleanliness.

An advanced depth filter designed for offline oil filtration that removes both large and small contaminants down to sizes below 0.1  $\mu\text{m}$ . Powered by Double Separation Technology (DST), it delivers clean oil that enhances machine life and supports cost-effective maintenance.

### Removes all types of contamination:

- Particles
- Oxidation degradation products and varnish
- Water (free, bound and emulsified)

During the filtration process, the oil flows vertically down through axial gaps between sheets of paper. The DST allows for nano-filtration, as it combines both mechanical and chemical technology that boosts oil cleanliness. This allows the filter to remove particles, both hard and soft (often oxidation byproduct residues such as insoluble varnish), and water (both free, emulsified and bound), by adsorption and absorption. Particles are adsorbed to the cellulose surface and water is absorbed by the cellulose.

### Dirt holding capacity

Water absorption	3 L
Solids	3 kg
Varnish	1.5 kg

The total dirt holding capacity will depend on every application with its specifications, oil type, temperatures, humidity etc. as well as the distribution and combination of contamination types.

### ROBX500/DST

Dry weight	2.5 kg	Max oil temperature (steady)	70 °C
Operating weight	2.5-7.5 kg	Max oil temperature (peak)	90 °C
Depth	196 mm	Running mode (recommended)	Set pressure 2.5 bar
Width	196 mm	Packing	1 and 4 pcs
Height	255 mm	Material	Cellulose, Polypropylene Homopolymer

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