



Want your machines to perform better? Don't change your oil.

SKF RecondOil BOX - USE THE SAME OIL OVER AND OVER

What if you could get cleaner oil in your application without having to change it? With an SKF RecondOil Box, you can use the same oil over and over again. In fact, you can get cleaner oil than ever before. Your machines can perform better, and at the same time, your oil can be transformed from a costly CO₂ footprint into a sustainable asset. Don't change your oil - change your approach to a "circular use of oil".

MINIMAL OIL COSTS - JUST ONE OF MANY BENEFITS

Today, most companies use their industrial oil until it degrades. This means that the oil eventually needs to be discarded and replaced. But since application owners want to get the most out of their oil, machines are often run with contaminated oil for long periods – a common cause of premature equipment failure.

In fact, although oil generally accounts for about 5% of your maintenance budget, lubrication (and lubrication-related activities) can impact more than 40% of your total maintenance budget on things such as replacement of worn spare parts and components (bearings, chains, motors, pumps, hydraulic components etc.).



With the RecondOil Box, oil change intervals can be significantly extended – in some cases indefinitely. SKF's Double Separation Technology (DST) removes contamination particles down to nano-size, from the oil. DST-regenerated oil is often cleaner than virgin oil. And by keeping the oil ultra-clean continuously, the RecondOil Box allows you to use the same oil over and over again – without losing any of its original qualities.

Additionally, increased maintenance staff costs related to machine failures and increased maintenance are eliminated. In other words, your machines run better, last longer and become more productive with less downtime. That means less repairs and component purchases.



Sustainability Improvement

- Reduced CO₂ impact
- Reduced energy consumption thanks to less friction
- Reduced consumables use



Total Oil Cost Reduction

- Reduced costs for purchasing oil
- Reduced costs for shipment, storage & disposal of used oil
- Reduced costs for oil-related maintenance & production stops



Performance Improvement

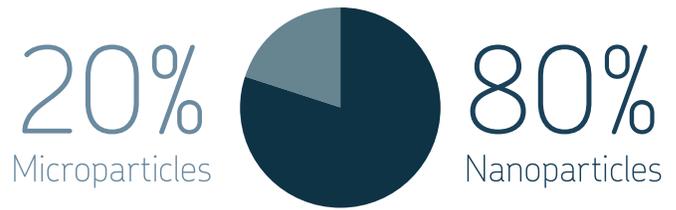
- Improved system performance
- Higher availability of the machine
- Higher productivity

THE SMALLEST PARTICLES ARE YOUR BIGGEST PROBLEM

The lifetime of oil is influenced by contamination – if left unchecked in a system, these contaminants cause the oil to continually degrade, until it is no longer functional.

Nanoparticles

The microparticles that can usually be removed from oils using conventional filters, account for about just 20% of the total surface area of all particles in an oil. At the same time, the nanoparticles that normally slip through conventional filters constitute the remaining 80% of the surface area. These nanoparticles cause severe damage - and they are a catalyst for oxidation that accelerates the oil's aging process.



Varnish

The growing popularity of the highly refined Group II and Group III base oil composition has played a role in the increasing prevalence of varnish-related issues in oil. These base stock oils have lower solubility for varnish-forming materials. Although there are several causes for Varnish formation in an oil, oxidation by-products are seen as the primary source. Varnish causes machine wear and thermal stress and accelerates the oil's degradation process.

Water

For most oils, water ingress can compromise nearly every beneficial property. The presence of water in a system can cause corrosion and reduce component life. Water also affects the oil's viscosity and deteriorates its lubricating properties

ONE SYSTEM – THREE FUNCTIONS

The RecondOil Box is an enhanced depth filtration system that incorporates patented Double Separation Technology (DST). It features a chemical/mechanical separation process which is not limited by filter pore size, and there is therefore no lower limit on the size of particles that can be removed from an oil. With one compact, easy-to-install system, you'll have clean oil all the time - helping your equipment run smoothly and reliably.



DST can get rid of the nanoparticles – and all other particles as well. This means it can stop the oxidation process from even beginning and create a potentially endless oil life.



With its DST filter, the RecondOil Box also removes both soluble and insoluble varnish, thereby avoiding clogged systems. Varnish removal also means cooler operational temperatures and longer component and oil life.



In addition, the RecondOil Box is also efficient at water removal, and can remove dissolved, emulsified and free water out of an oil.

For Total Lube Solutions,
GO WITH THE FLO!

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