



**RICO** EUROPE

FILTERS | LUBRICANTS

**NEWSLETTER**



**FEBRUARY 2024**

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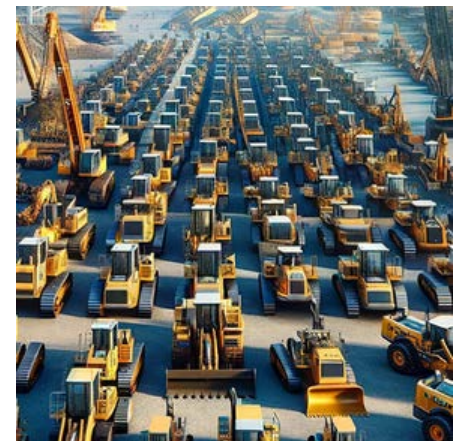
## CONSTANTLY UPDATING OUR MACHINE APPLICATION DATA

We're excited to remind customers about the benefits of utilising RE Fleet Manager for seamless management of your machinery filters.

When you add machines to your fleet, it prompts our team to meticulously review your machine application.

We take care of filling in any gaps in filter information that may have been overlooked by manufacturers.

Additionally, we proactively check for any newer models or serial number updates related to your equipment and ensure your records are updated accordingly.



**SIMPLE STEPS TO ADD MACHINES TO YOUR FLEET:**

**REGISTER AND LOGIN ON OUR WEBSITE.**

**USE OUR PART FINDER TO FIND YOUR MACHINE.**

**HIT 'ADD TO FLEET' AND YOUR MACHINE WILL BE STORED.**

# LATEST SERVICE KITS

Whether you're a seasoned operator or a fleet manager looking to streamline maintenance processes, our comprehensive range of Filter Service Kits are designed to meet your needs.

## ➤➤➤ KOMATSU PC-SERIES

Filter Service Kits tailored specifically for Komatsu PC excavator models.

➤➤➤ [MORE INFO](#)



## ➤➤➤ KOBELCO SK-SERIES

Filter Service Kits tailored specifically for Kobelco SK excavator models.

➤➤➤ [MORE INFO](#)

## ➤➤➤ MASSEY FERGUSON 5000, 6000, 7000, 8000 SERIES

The Massey Ferguson 5000, 6000, 7000, and 8000 series are lines of tractors manufactured by the Massey Ferguson brand.

Primarily used in agriculture for various farming tasks, such as ploughing, planting, harvesting, and general farm work. They are known for their versatility, durability, and performance in the field.

Browse through our latest range of Filter Service Kits tailored specifically for Massey Ferguson tractor models.

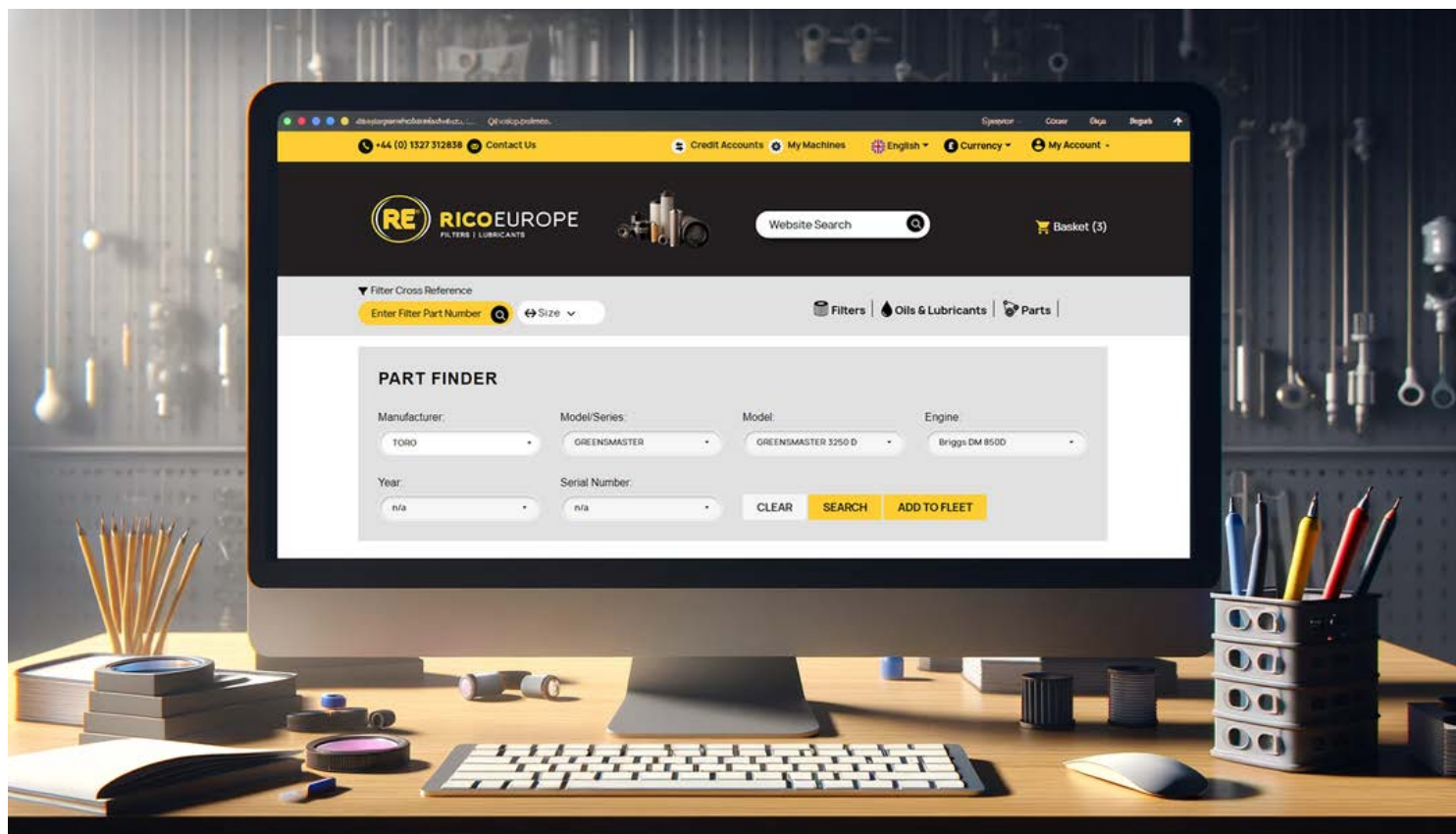
Full kits and engine kits available for a variety of models.

➤➤➤ [MORE INFO](#)

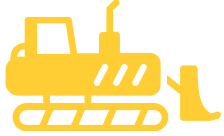




# LATEST PART FINDER ADDITIONS

»»» FEBRUARY 2024



The following models of machinery are now available in our Part Finder. Our updated database makes it easy to locate the exact filters you need.

Manufacturer	Series	Model	Machinery Type	Machine
Marooka	MST	Select	Heavy-Duty Crawler Carrier	
Ammann	ARX	Select	Roller	
SDMO	SD	Select	Generator	

# BLOG

## UNDERSTANDING THE ROLE OF AIR OIL SEPARATOR FILTERS IN A COMPRESSOR >>>

Compressors are essential machines in various industries, playing a vital role in generating and maintaining compressed air for various applications.

However, during the compression process, some oil tends to mix with the compressed air, which can be detrimental to downstream equipment and processes. To tackle this issue, air oil separator filters are employed within compressors.

### THE NEED FOR COMPRESSED AIR PURITY

Compressed air is used in a wide range of applications, from powering pneumatic tools to serving as an essential component in industrial processes.

In many of these applications, the presence of oil mist or vapor can cause several problems, including:

#### CONTAMINATION OF END PRODUCTS:

In industries like food processing and pharmaceuticals, even a minute amount of oil in the compressed air can contaminate the end products, leading to quality control issues and compliance violations.

#### DAMAGE TO EQUIPMENT:

Oil contamination in compressed air can damage downstream equipment such as valves, actuators, and control systems, leading to costly repairs and maintenance.

#### ENVIRONMENTAL CONCERNS:

Oil emissions from compressed air systems can have environmental implications, potentially resulting in fines and regulatory non-compliance.

>>> [READ MORE](#)



## AIR OIL SEPARATOR FILTERS - HOW THEY WORK

Air oil separator filters are designed to remove oil from the compressed air, ensuring that the output air is clean and oil-free.

These filters are typically installed within the compressor's housing and function through a series of critical steps:

#### PRIMARY SEPARATION:

The compressed air and oil mixture enters the separator filter. The filter features a coalescing element, usually made of fiberglass, which has a high affinity for oil. This element slows down the airflow and causes oil droplets to coalesce into larger droplets.

#### GRAVITY SEPARATION:

Once the oil droplets have combined into larger sizes due to the coalescing element, gravity plays a role in separating them from the compressed air. The heavier oil droplets will settle at the bottom of the separator filter.

#### SECONDARY FILTRATION:

To ensure that any remaining fine oil particles are removed, a secondary filtration stage may be incorporated. This stage typically uses a high-efficiency microglass or synthetic media to capture the remaining oil particles.

#### CLEAN AIR EXIT:

After going through the primary separation and secondary filtration stages, the now clean and oil-free compressed air exits the separator filter and proceeds to the downstream applications.

# LATEST REVIEWS

*"First of all, I have never in my life experienced such fast shipping.*

*"This was packaged and shipped on 1-2-24 from Daventry, Northamptonshire England and arrived 1-3-24 in Delhi, Louisiana Unites States.*

*"They said they were out till after the first of the year, I was expecting a month delivery. I'm ecstatic how fast these filters made it! Gotta change all fluids and filters.*

*"No down time. I'm DEFINITELY coming back to here for the next full service!!!"*

**American Customer**

*"Filters were at my house in 3 days from overseas.*

*"I had an issue and this company went above and beyond to help me and rectified the issue immediately.*

*"This will be my go to company for now on!"*

***"Thanks, probably saved my compressors life!"***

## LEAVE US A REVIEW

SCAN TO REVIEW >>>>





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