



RICOEUROPE

FILTERS | LUBRICANTS

NEWSLETTER



MARCH 2024

IN THIS ISSUE

SPRING SALE

**LATEST AIR
FILTERS ON
SALE**



PART FINDER

**LATEST ADDITIONS
MARCH 2024**



CASE STUDY

**HOW RE FLEET
MANAGER HELPED
STREAMLINE OUR
PROCESSES**



PARTNER POST

**UNDERSTANDING THE
ENGINE CRANKCASE
VENTILATION
SYSTEM**



We're thrilled to announce a selection of air filters are now on sale, perfect for ensuring your engines run smoothly and efficiently this spring.

Additionally, we're proud to present a compelling case study highlighting how one of our valued customers has revolutionised their procurement process with RE Fleet Manager.

Download and discover how you too can transform your operations.

Stay tuned for insights, offers, and more!

LATEST FEEDBACK

"ALWAYS BRILLIANT COMPANY TO DEAL WITH, EXCELLENT PEOPLE TO DEAL WITH AND INVOICE ALWAYS SUPPLIED."

"FAST SHIPPING AND WELL PACKAGED. VERY HELPFUL CUSTOMER SERVICE. WOULD RECOMMEND."

ON SALE

AIR FILTERS

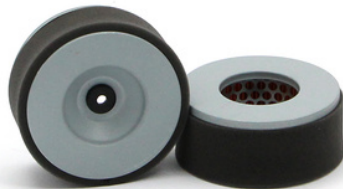


PART NUMBER: RA6133 **£8.93**

Length: 125mm
Overall Diameter: 77mm Internal
Internal Diameter: 38mm

Replaces: BRIGGS & STRATTON 590823, 590825, 591334 HIFI SAI2701 JOHN DEERE GY21435, MIU13038, MIU13963 SF SL1772

Fits: John Deere D, X, Z-Series, HUSQVARNA R, TS-series



PART NUMBER: RA2043 **£4.85**

Length: 45.2mm
Overall Diameter: 100 Flange 104.8mm
Internal Diameter: 54mm One End

Replaces: BALDWIN PA4824 DONALDSON P500193 FLEETGUARD AF25607 HIFI SAI2158 SF SL158, YANMAR 11425012540, 11425012580, 11425012581, 11425012580

Fits: Yanmar B C YDG L-Engines

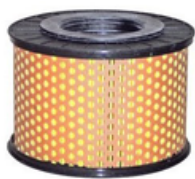


PART NUMBER: RA2069 **7.50**

Length: 73.0mm
Overall Diameter: 98.4 To 142.1mm
Internal Diameter: 6.4mm To 93.7mm

Replaces: ALCO MD5184 BALDWIN PA4886 FLEETGUARD AF26348 KOMATSU YM11465012540 YANMAR 114211465012540, 11465012540, 11465012570, 11465012590

Fits: Yanmar L, YDG YB-Engines SDMO SD-Series



PART NUMBER: RA2075 **£6.50**

Length: 78.6mm
Overall Diameter: 113.5mm
Internal Diameter: 6.4 & 50.8mm

ALCO MD5206 **BALDWIN** PA4902
HIFI SAI2211 SAI2298 **SF** SL85101
HATZ 1391800, 1391801, 50426000

Fits: HATZ Engines



PART NUMBER: RA4208 **£12.50**

Length: 84mm
Overall Diameter: 186mm

Replaces: BALDWIN PA5728
KAWASAKI 110137005, 110137009, 110137010, 110137024, 110137027, 110294012 **SF** SL1557

Fits: Kawasaki Engines



PART NUMBER: RA3371 **£19.50**

Length: 195.3mm
Overall Diameter: 255.6mm
Internal Diameter: 192.1mm

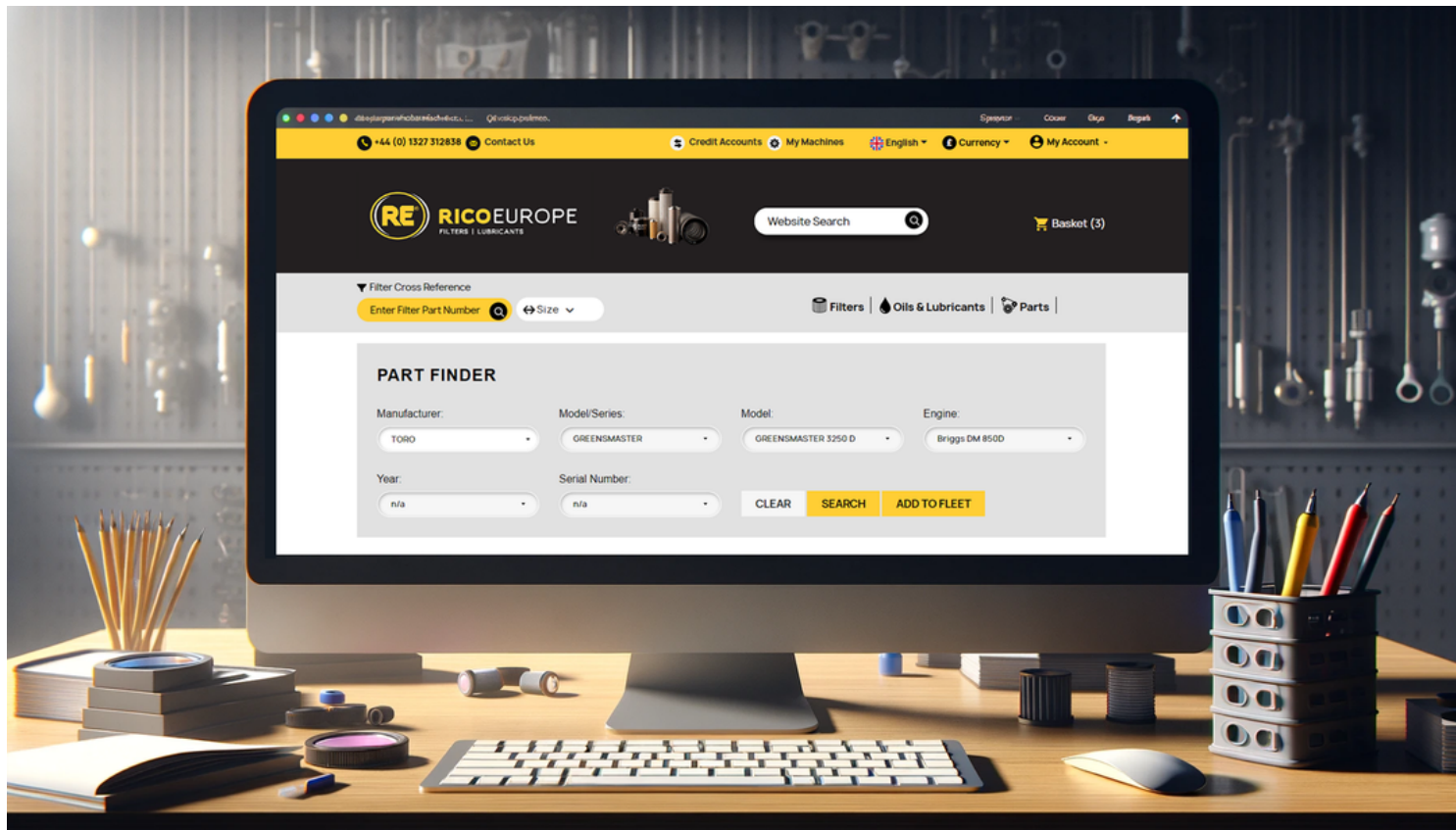
MANN HUMMEL C26240 **ALCO** MD7400
BALDWIN PA3755 **VOLVO** 6631299
HIFI SAI19005 **BUSCH** 532000006, 532006, 532121865

Fits: BUSCH RC, RA, R-Series



LATEST PART FINDER ADDITIONS

➤➤➤ MARCH 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.



KRAMER KT-SERIES



HIDROMEK HMK-SERIES

VIEW MODELS



CASE STUDY

"RE Fleet Manager has been instrumental in streamlining our procurement process."

CHALLENGES

Before integrating RE Fleet Manager into our operations, we faced several significant challenges that impeded our efficiency and productivity. Firstly, the excessive time spent sourcing parts from a myriad of suppliers was a major drain on our resources. Inconsistent stock availability and unpredictable delivery schedules from our suppliers frequently disrupted our maintenance schedules, affecting our overall fleet management efficiency.

OBJECTIVES

RE Fleet Manager has been instrumental in streamlining our procurement process, significantly reducing the time and effort previously wasted on dealing with multiple suppliers. The availability of both engine service kits and full-service kits has been a game-changer, allowing us to efficiently manage maintenance schedules without the hassle of sourcing individual parts. This consolidation has not only saved time but also ensured that our fleet remains operational with minimal downtime, directly contributing to our overarching goals.

SOLUTIONS

RE Fleet Manager has significantly simplified our maintenance and procurement processes, transforming RICO Europe into a comprehensive one-stop shop for all our fleet needs. The platform's diverse range of products, including oils and other essential fluids, coupled with the flexibility to purchase items individually or in kits, has provided us with unparalleled convenience and customisation in managing our fleet's maintenance.

The personalised support from the team has ensured that we have expert advice and assistance readily available, enhancing our confidence in the service. The extensive selection of lubricants and other maintenance essentials available through RE Fleet Manager has further broadened our options, allowing us to tailor our purchases to meet our specific requirements, thereby optimising our operational efficiency.

How easy do you find it to use and navigate our website?

Extremely Easy

Do you reorder filters through RE Fleet Manager?

Yes

How likely are you to recommend RE Fleet Manager to a friend?

Extremely Likely



"RICO Europe's comprehensive selection of oils, lubricants, and filters makes them our go-to one-stop shop."

NICK CHORLEY

Owner





UNDERSTANDING THE CRANKCASE VENTILATION SYSTEM >>>

BLOW-BY: DEFINITION, ORIGIN AND COMPOSITION

In an engine, blow-by is a leak of combustion gases from the cylinders into the oil sump. This leak is the result of a poor seal between the piston and the cylinder, mainly due to ring wear. Over time, the friction between pistons and cylinders wears down the rings, making them less effective at retaining combustion gases.

Made up of combustion gases, blow-by is a threat to the engine and the environment. It contains pollutants such as unburnt fuel, nitrogen oxides, carbon oxides, water vapour, sulphur oxide and particles from component wear.

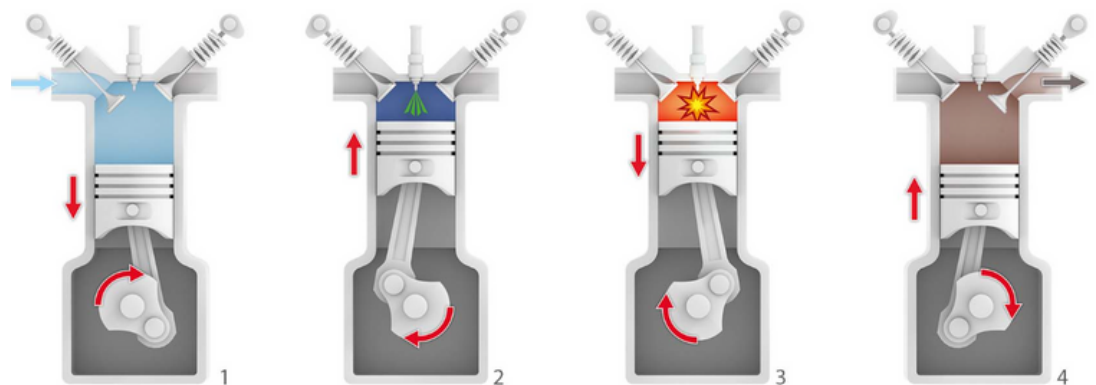
READ MORE >>>

On your vehicles, the crankcase ventilation system is essential for preserving the engine and its lubrication system. Why is this?

By regulating the pressure in the crankcase, it prevents excessive engine wear and oil leaks, ensuring optimum performance. In the face of today's environmental challenges, the importance of this system cannot be underestimated. It captures noxious gases charged with oil mist, preserving our atmosphere and our health. What's more, by reinjecting the collected oil into the lubrication system, it reduces engine oil consumption.

To fully understand this system, let's go back to basics: the four-stroke engine.

A CLOSER LOOK AT HOW THE COMBUSTION ENGINE WORKS



A 4-stroke engine operates in four distinct phases: 1. intake, 2. compression, 3. expansion and 4. exhaust.

During intake, the piston creates a vacuum in the cylinder, allowing air to enter via an intake valve. During compression, the piston moves upwards, compressing the air while an injector introduces fuel. The resulting explosion of the air-fuel mixture pushes the piston down, generating a rotary motion that is transmitted to the vehicle's wheels. When in operation, the burnt gases are expelled via a valve and discharged through the exhaust system.

At the same time, the lubrication system reduces friction between parts by lubricating them with engine oil, stored in the crankcase.



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