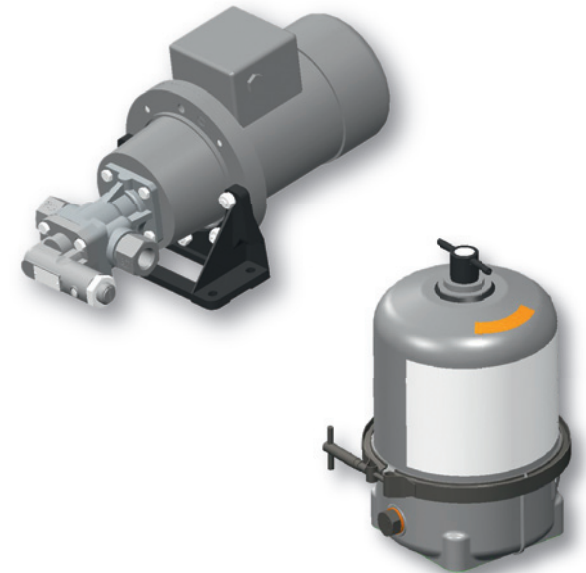


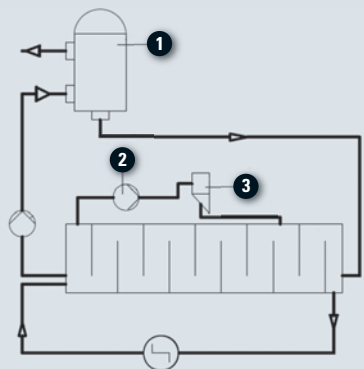
 Caterpillar Motoren is committed to sustainability.
This document is printed on PEFC certificated paper.

Parts Product Solutions



System Specification

A centrifugal filter with pump added in the bypass supports maintenance of the lubricating oil separator. The centrifugal filter can also be operated even when the engine is not in operation in order to achieve continuous lubricating oil treatment.



1. New designed safety components for existing automatic filter.
2. New feed pump for additional lubricating oil centrifuge.
3. New centrifuge to increase lubricating oil care and safety.

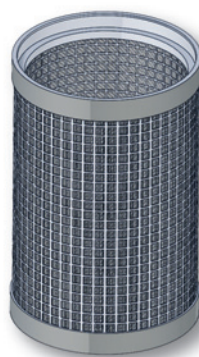
Advantages

A retrofit of this system offers the following benefits:

- Increased filter life
- Decreased risk of damage due to a finer mesh size and an increased filter surface in the automatic filter
- Longer oil change intervals
- More effective separation of fine-grained catalysts

System Requirements

This system is available for all M 20 series engine types. For more detailed specifications and information contact your authorized Caterpillar dealer.



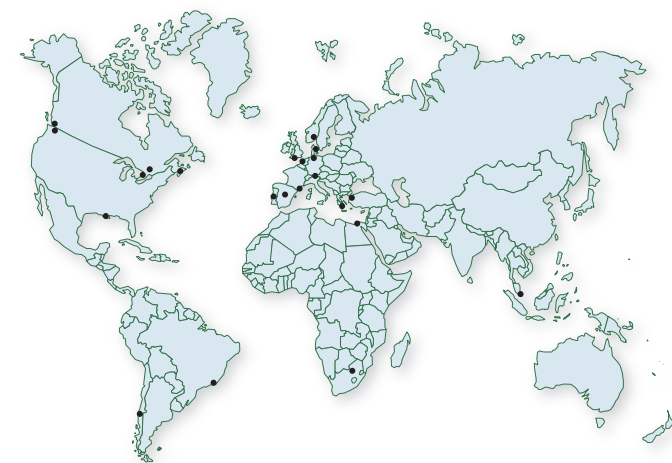
Faster, Less Expensive, Damage-Free Parts

All of our genuine MaK parts are easily available via the dealer network

All MaK spare parts are delivered through the Caterpillar Motoren distribution center near the major international port of Hamburg. With its close proximity to both the international airport and the port infrastructure in Hamburg, the logistics center makes parts available quickly.

In the event a part is not immediately available in dealer inventory, it will be dispatched from the distribution center within 24 hours.

Parts are packaged to ensure optimal protection from damage. Close contact is maintained with logistic partners worldwide who specialize in ground, air, and sea transport, so that each shipment is collected and dispatched as efficiently as possible.



The dealer network.

Parts Product Solution