



**QuickEvac™** pumps 3.5 to 40 gpm flow rate; (left to right) 12, 24 Vdc; 12, 24 Vdc; 230/460 Vac

## Consider this...

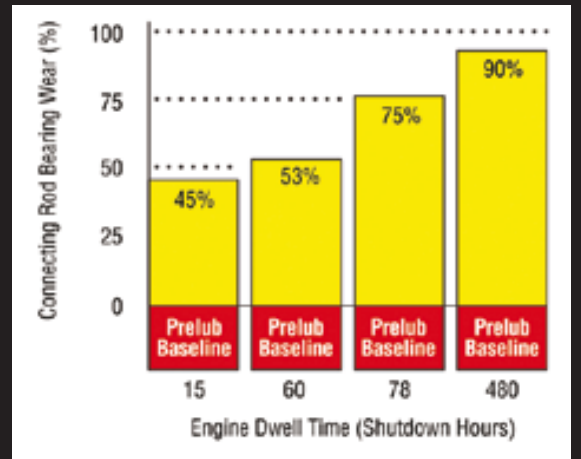
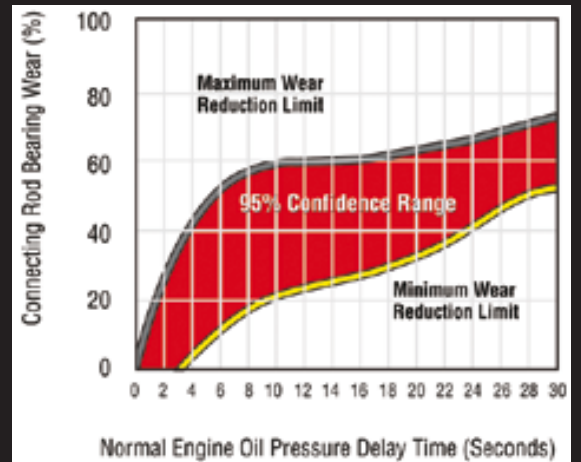
Your equipment and your people work hard every day, and not in the best of conditions. They often experience severe applications, extreme cold and hot weather conditions. Year round one fact remains... keeping machines working is the path to profitability for you and your company. Automating PMs is critical to the effort. Finding ways to make routine maintenance faster, safer and cleaner for your Service Techs is a never-ending process. Making your engines live longer is also critical. The **QuickEvac™** Technology offers faster turns for routine PMs, improved contamination control, and complete engine pre-lubrication for longer engine life. The **QuickEvac™** Technology is safer for your technician, better for the environment and more profitable for your company.

### Speed

Imagine a complete engine oil and filter change in less than 20 minutes or a complete 250 or 500 hour service including greasing, SOS samples and inspection in about an hour. Whether you perform your own service or have it completed by your dealer, the **QuickEvac™** system saves you time and money while increasing machine availability. Fleet paybacks of less than 12 months are typical with ROIs in excess of 60% per year. Remember, what's easy to do... gets done! With the **QuickEvac™** system, routine PMs just can't get any easier.

### Contamination Control

Today's high performance machines demand cleaner fluids for optimal performance and life. Tighter tolerance, higher pressures and computerised controls require cleaner fluids to ensure optimal component performance. Even small improvements in contamination control are yielding big results in engine and component life. The **QuickEvac™** system filters new oil on entry to engine, before the oil enters the sump. It also pre-fills new oil filters automatically, eliminating the need to fill filters by hand.



Independent testing shows significant rod bearing wear after just five seconds of oil pressure delay, and rapid ring face and side wear after 20 seconds. Pre-lubrication reduces rod bearing wear (13-62%) over conventional starting.

**Whether you own  
one piece of heavy  
equipment or an  
entire fleet, the  
QuickEvac™ system  
delivers engine-  
saving, money-  
saving technology  
that can pay  
for itself in less  
than 12 months:  
QuickEvac™...  
Get onboard!**



### Protection from the Start

Lubrication is the lifeblood of a diesel engine, especially in today's high-performance, fast starting diesels.

Dry starts can occur in very cold weather, very hot climates, after prolonged shut downs, or following routine oil changes. Dry starts mean accelerated engine wear, more frequent overhaul, more downtime, and increased maintenance and replacement costs. Stop the dry start destruction with a system that delivers up to 150 litres of oil per minute, ensuring full oil pressure from turbo to crankshaft. The system automatically, safely and quickly fills remote-mount filters and all oil passages prior to cranking, every time the engine starts. If someone forgets to put oil in the engine, the fail safe (no oil, no start) feature prevents the engine from cranking. Technicians get a live dip-stick read on fill, no need to start engine to verify fill levels.

Independent testing shows that the **QuickEvac™** pre-lubrication system reduces engine bearing and ring wear by up to 60% on average under typical start-up conditions. With overnight and weekend shutdowns, pre-lubrication reduces wear by an average of 53%. That's especially significant for single-shift operations, as well as marine, prime-power and industrial applications.

### Environmental Protection

The **QuickEvac™** system offers fool-proof, spill-proof protection. Leak-free quick couplers with direct drain to final containment eliminate leaks and spills. No need for drain pans or intermediate containers. Purged oil filters have almost no oil to spill or to burn Service Techs. The **QuickEvac™** system keeps Service Techs, the work place and the environment cleaner, and safer.

## Safety

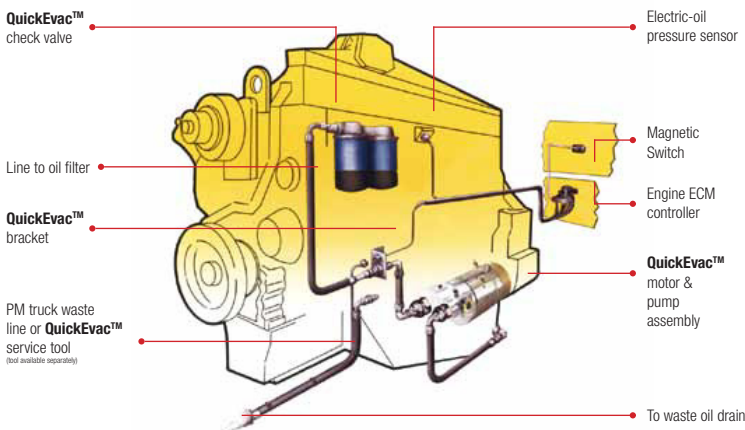
It's estimated that up to 35% of injuries occur when technicians are climbing on or off heavy equipment. The **QuickEvac™** system dramatically reduces the need for technicians to climb up or under the machine during routine PMs. Getting under machines to remove belly guards, position and remove drain pans is eliminated.

With ground-accessible service points, the **QuickEvac™** system allows your technician to purge old filters of hot oil, evacuate the engine oil, and refill all from a single point. Used oil is pumped directly from compartments into final waste containers or Lube Trucks. No pans or catch basins are needed. No hot oil hits the PM technicians, the ground or the machine. Finally, because new oil is introduced into the engine via the main oil passages and oil filters, the engine is fully prelubricated on fill. This means Techs have a "live read" on the engine dipstick without climbing the machine, starting the engine, shutting down and then topping off the oil levels. Fewer steps mean less chance of error and injury

## Protection that pays

In the equipment business, managing risk is the name of the game. That job just got easier with the **QuickEvac™** system:

- Paybacks in 12 months or less
- Saves up to 2 hours per PM
- Gains up to 2 hours of machine availability, per service
- Extends engine life with complete pre-lubrication
- Fits virtually all machines new or old
- Carries a comprehensive 24-month, unconditional parts warranty



***The QuickEvac™ system combines a dedicated onboard pump with conveniently located quick couplers to provide hassle-free evacuation of oil and pre-lubrication protection with every start.***



**The engine  
pre-lubrication  
and oil evacuation  
system that gets  
your machines back  
to work faster and  
extends engine life.**





1

### Purge oil filter

Disconnect the line-to-oil filter at the **QuickEvac™** bracket, connect a compressed air line, and apply air through the filter. After about 10 seconds, remove the air line from the line-to-oil filter, and filters are empty, ready for removal without spills.



2

### Evacuate the sump

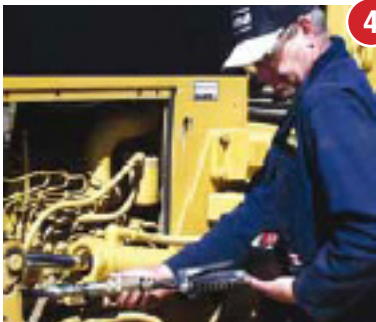
Connect the hose assembly service tool from the PM truck's waste line or the manual service tool to the **QuickEvac™** pump's quick disconnect fitting. Switch on the pump and evacuate the engine (Less than 60 seconds is typical).



3

### Change the filter

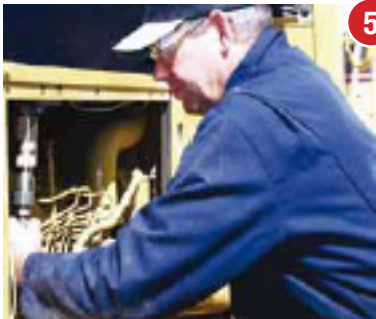
Remove the used oil filter and replace with new. Do not prefill with fresh oil. the **QuickEvac™** system automatically fills the filter and engine oil.



4

### Fill with clean oil

Connect the PM truck's clean oil fill line to the line-to-oil filter. Fill with the oil, verify the level in the sump with the dipstick without starting the engine and adjust if needed. Normal fill if no PM truck available.



5

### Reconnect QuickEvac™ Line

Disconnect the PM truck's fresh oil fill line from the line-to-oil filter. Reconnect the line-to-oil filter to the oil filter at the **QuickEvac™** bracket. Your engine will be automatically prelubricated at start.

**The QuickEvac™ system allows your technician to perform oil and filter change in less than 20 minutes. The 5 easy steps are all safely done from a single service point.**



This may not be a stock item. Please speak to your sales representative about lead times. Lead times, price and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.

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AUTO-ELECTRICAL ENGINEERING