



- Get the most out of your machines and components
- Reduce the risk of machine and component failure
- Improve the environment



# CATERPILLAR® CONTAMINATION CONTROL

Our expertise. Your advantage.



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Dealer  
name here



**CATERPILLAR®**

# Our Expertise

Caterpillar Contamination Control is a vital process which ensures you get the most out of your machines, while reducing the risk of failure and helping improve the environment.

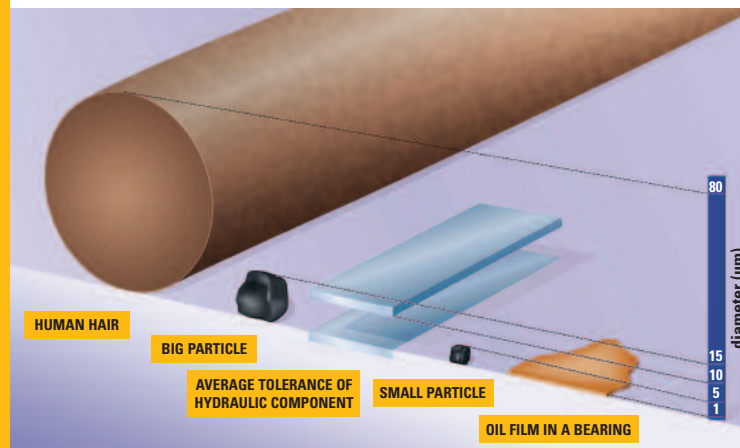
Your Cat® dealer uses a range of professional processes to ensure there is no contamination of your fluids and components when your machines are being serviced. Dealer technicians adhere to specifications which set the high standards of cleanliness for fluids used in your machines.

The Caterpillar Contamination Control process includes:

- **Particle counting to ensure oils meet Caterpillar standards**
- **Oil filtered or kidney-looped back to Caterpillar standards when necessary**
- **Fill oils cleaner than Caterpillar standards**
- **Components and hoses cleaned and kept clean**
- **Component and machine system assembly areas kept clean**
- **Removal and installation processes in dedicated areas**
- **New parts kept in their original packaging**
- **Fully protected worked-on parts**
- **Clean and tidy workshop and field service operation areas**

# What is contamination?

Contamination is anything that doesn't belong in the fluid. Particulate contaminants are the most common. These include dirt, metals, weld spatter, paint flakes, rag fibres and sealing materials, but can be as small as a few microns. A micron is one millionth of a metre.



Heat, water, air and other fluids also are also contaminants. These combine to break down the oil's chemical composition, forming harmful oil oxidation and acids.

Particle contamination and oil chemical degradation can lead to premature machine damage. Our expertise will protect your machine by ensuring clean hydraulic system fluids after each service or repair. We also recommend you join the Cat® S-O-S<sup>SM</sup> Oil Sampling programme, which further analyses the quality of the oil between interventions.

## Call us today

We will be happy to explain more about Contamination Control and our S-O-S<sup>SM</sup> programme.

# Your Advantage

## IMPROVE MACHINE AND COMPONENT PERFORMANCE / EFFICIENCY

Your machine and components, such as pumps and valves, maintain their high performance levels for longer periods. Also, your machine's peak power levels stay high throughout its increased life, allowing it to take on the toughest jobs with maximum efficiency.

## EXTENDED MACHINE AND COMPONENT LIFE

Contamination Control ensures that fluids are cleaned each time your machine is serviced. This gives major components a longer life, particularly when high levels of fluid cleanliness are maintained, and results in lower owning and operating costs.

## REDUCED DOWNTIME

Parts stay working longer so you have less machine downtime and your machine spends more time earning you money.

## EXTENDED SERVICE INTERVALS

Cleaner oil extends component life and allows your service intervals to be increased, helping reduce owning and operating costs still further. However, an S-O-S<sup>SM</sup> programme is essential to confirm the continuing high quality of your oil and achieve maximum usage.

## IMPROVED ENVIRONMENT

We remove your oils and put them through dialysis to filter out contamination. Providing the S-O-S<sup>SM</sup> results are acceptable, the oils are re-injected into your machine, so fluid life is extended and waste is reduced. All water used to clean your machine is collected, cleaned and recycled for reuse.