



PREVENTIVE MAINTENANCE

EXTENDED OIL DRAIN INTERVAL FOR CATERPILLAR ENGINES

To help protect your investment and assure the reliability of your power generation equipment, Milton CAT offers different types of Preventive Maintenance or PM agreements. As with all Milton CAT Preventive Maintenance, Extended Oil Drain Intervals for Caterpillar Engines are scheduled and performed by Milton CAT factory certified technicians.

Caterpillar recommends a maximum oil and filter change period of twelve (12) months for diesel engines used in standby generator applications as published in the Operation and Maintenance Manual.

The extended oil drain interval for CAT standby generator sets is three years or 500 hours (whichever occurs first). This option is a good choice for customers enrolled in a Milton CAT CSA (Customer Service Agreement for preventive maintenance) who have large engines in hard-to-reach places.

The CSA must include:

- CAT DEO or ULS oil (Diesel Engine Oil or Ultra-Low Sulfur).
- CAT filters (oil, fuel and air).
- CAT antifreeze (either ELC or DEAC).
- CAT SOS Services fluid analysis.
- Monthly engine operation (minimum) at operating temperature.
- Distillate diesel fuel (bio-diesel is not allowed).

In addition:

- Oil and fuel filters must be replaced annually.
- Level 2 SOS coolant sample must be taken annually.
- SOS oil sampling must be taken every three months. The oil sampling must be taken with an in-line sampling valve on the pressurized oil manifold.

THE EXTENDED OIL DRAIN INTERVAL ALSO INCLUDES:

PM1 SERVICE (INSPECTION/MINOR)

PM1.5 ANNUAL SERVICE (INSPECTION PLUS FILTER CHANGE)

- Perform all work required under PM1 Inspection Plus;
- Replace lubricating oil and fuel filters (including fuel/water separators).

PM2 SERVICE (INSPECTION PLUS OIL CHANGE/ MAJOR)

- Perform all work required under PM1 Inspection Plus;
- Replace lubricating oil and fuel filters (including fuel/water separators).

Example of a three-year schedule with quarterly visits:

	PM1	PM1.5	PM2
Year #1	3	1	
Year #2	3	1	
Year #3	3		1

Sustainability and social responsibility are core values at Caterpillar. Their strategy is to provide work environments, products, services and solutions that make productive and efficient use of all resources.

There are three principles that guide Caterpillar's commitment to sustainability:

- Prevent Waste
- Improve Quality
- Develop Better Systems

Caterpillar also strives to support their customers, suppliers, dealers and other partners in their sustainability initiatives.

