

Q. HOW MUCH IS IDLE TIME COSTING YOU?

If your machine runs 2000 hours per year, what percentage of that time are you actually doing productive work?

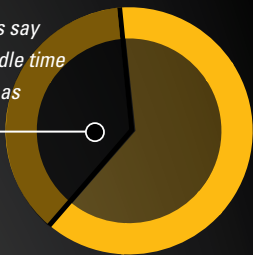
All those non-productive hours can translate into large quantities of wasted fuel:

3,785 LITRES OR MORE EVERY HOUR.

Some industry experts say that it is common for idle time to represent as much as

40-50%

of total running time.



A. IT ADDS UP FAST.

See how excessive idling at any level increases fuel costs over time.

IMPACT OF EXCESSIVE IDLING ON FUEL COSTS

IDLE TIME	IDLE HOURS	ANNUAL COST OF IDLE TIME	FIVE-YEAR CUMULATIVE COSTS
20%	400	£940	£4,670
25%	500	£1,170	£5,830
30%	600	£1,400	£7,000
35%	700	£1,630	£8,160
40%	800	£1,860	£9,320

EXPECTED OWNERSHIP: 5 years AVERAGE FUEL COST: £2.33/3,785 litres
ANNUAL OPERATING HOURS: 2000 FUEL BURNED WHEN IDLE: 3,785 litres per hour

& FUEL COSTS ARE JUST PART OF THE STORY...

If you accumulate several non-productive hours, you:

- Jeopardize component life



- Accelerate wear of Tier 4 technologies

- Make unnecessary fluid and filter changes



- Burn through warranty hours

- Sacrifice resale value



Sources:
<http://www.constructionequipment.com/idle-reduction-policies-spur-cost-savings>
<http://www.equipmentworld.com/74-tips-for-reducing-equipment-costs-11-20/>

SIX TIPS

FOR REDUCING IDLE TIME:

- 1 Limit idle time at shutoff. Older engines need 2 minutes, newer engines almost no time.
- 2 Switch off trucks which have to wait more than 5 minutes to load or unload.
- 3 Restrict morning warm-ups to 3 to 5 minutes.
- 4 Switch off equipment during lunchtime, breaks and other periods when not in use.
- 5 Use the automatic shutdown feature when available.
- 6 Anticipate the mobile requirements of other equipment and position the inactive machine where it will not impede the movement of other units.

Source: US Environmental Protection Agency

LET'S TALK

Caterpillar and your Cat dealer can help you plan and execute a data-driven anti-idling campaign. Contact your dealer for more information.