

**Q.**

# HOW MUCH IS IDLE TIME COSTING YOU?

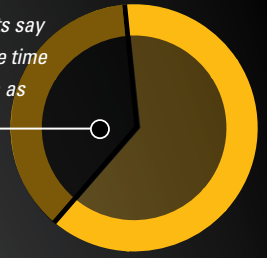
If your machine runs 2,000 hours per year, what percentage of that time are you actually doing productive work?

Non-productive hours can translate into a lot of wasted fuel: **1 GALLON OR MORE EVERY HOUR.**

Some industry experts say it's not unusual 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 drives up 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	\$1,560	\$7,800
25%	500	\$1,950	\$9,750
30%	600	\$2,340	\$11,700
35%	700	\$2,730	\$13,650
40%	800	\$3,120	\$15,600

EXPECTED OWNERSHIP: 5 years    AVERAGE FUEL COST: \$3.90/gallon  
ANNUAL OPERATING HOURS: 2000    FUEL BURNED DURING IDLE: 1 gallon/hr

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

When you rack up a lot of nonproductive hours, you:

- Jeopardize component life



- Accelerate wear of Tier 4 technologies

- Complete 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 none.
- 2 Turn off trucks that are waiting more than 5 minutes to load or unload.
- 3 Restrict morning warm-ups to 3 to 5 minutes.
- 4 Turn off equipment during lunch time, 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 won't 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.

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