What’s Regeneration in Tier 4 Machines?

- Newer machines have filters that catch soot produced by the engine
- These filters have self-cleaning abilities called regeneration
- Regeneration uses heat to oxidize soot into gases that leave the filter
- It’s a normal part of running machines equipped with diesel particulate filters and rarely gets in the way of operating

How To Properly Idle & Shut Down

- If you’re going to idle for more than a minute or two
  - In a tracked machine, all lock levers in the lock position and throttle dial at minimum
  - In a wheeled machine, transmission in neutral, parking brake applied and accelerator pedal released
- This is the safest way
- It also helps the machine optimize regeneration
- If you’re going to shut down, let the machine cool off for 5 minutes before turning the key

If You’ve Got Questions

- Check out the Pocket & Keychain Cards
- Ask your Supervisor
- Ask your Distributor