



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



When you see this yellow symbol:

- Work your machine hard
 - A loaded engine makes hotter exhaust gas, and that's better for regeneration
- If you need to shut the machine down, that's fine
 - Regeneration will pick up where it left off at the next restart
- If you need to idle, do it the right way



When you see this red symbol:

- Park the machine in a safe area
- Follow proper idling procedure

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

