TOOLBOX TALKS

EXTENDING TIRE LIFE

Toolbox Talks are designed to promote safety discussions and best practices on the jobsite. To see more Toolbox Talks, please visit cat.com/toolboxtalks.

Tires aren't getting cheaper — or any easier to find. No, that's not news. But some of these tips to extend tire life might be.

THINK SLOPE

- Slope roads to be super-elevated
- Slope should be higher on the left side when there is a right turn
- Super-elevated roads remove some of the load from the outside of the tire
- If sloped incorrectly more scrubbing will occur and spillage will become an issue
- Super-elevated roads provide more stability which can lead to more production
- Experts recommend a grade of less than 10%; this reduces wear
- Work with your local dealer to determine proper slope

MANAGE YOUR OPERATORS

- Always perform a machine walk-around before and after every shift
- Make sure tires are thoroughly inspected during the walk-around
- Do not speed when going around curves
- Do not brake excessively
- Be sure your load is centered
- Do not overload the machines as this makes tires more susceptible to punctures and bulging
- Never spin your tires
- Contact your local dealer if training is required

STAY AWAY FROM WATER

- Water acts like a lubricant, which can increase the risk of punctures
- Wet tires are more likely to spin
- Water can rust the steel cords

PROPER INFLATION

- Tires can be inflated with air or nitrogen. Be sure to confirm which is used prior to inflation

Discussion Date: _____

Employee Participants:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

The material in this document is provided for informational purposes only and not as a comprehensive or exhaustive resource on this topic. This material has been compiled from a multitude of sources believed to be accurate; however, Caterpillar Inc. assumes no responsibility for the accuracy or currency of this information and encourages you to consult experts in this area for more information. In no event does the content of this document supersede any applicable local, state or federal statutes or regulations.

There are a lot of moving parts on the jobsite. To find a safety topic relevant to your operation, please visit cat.com/toolboxtalks.

© 2021 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.