

# SITE CONDITIONS CAN DRAMATICALLY AFFECT COMPONENT LIFE

## WHEN IS THE BEST TIME TO REBUILD A MAJOR COMPONENT’S UNDERCARRIAGE, TRANSMISSION OR ENGINE?



The right answer depends on a lot of things, including the conditions of your site.

- Soil Conditions
- Grades
- Operating Techniques
- Weather

All these factors and more can affect component life, but by how much?

Here’s one example comparing the undercarriage life of a Cat® D6R Track-Type Tractor in dry conditions vs. wet:

	ANNUAL PRECIPITATION	EST. UNDERCARRIAGE LIFE	COST PER HOUR <small>*Based on a \$24,000 Cost of Replacement</small>
	30"	7.3k Hours	\$3.20
	42"	5.5k Hours	\$4.40
DIFFERENCE IN UNDERCARRIAGE LIFE: 1,800 HOURS			

## CONDITION MONITORING MAKES A DIFFERENCE

A good condition monitoring program takes site conditions into account in helping you manage your equipment to get the most from your operation.

Source:  
<http://www.equipmentworld.com/4-rules-for-managing-production-dozers-owning-operating-costs/>