

# SITE CONDITIONS CAN DRAMATICALLY AFFECT COMPONENT LIFE

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



**TOO SOON** and you waste some of the value of your existing components.

**TOO LATE** and you risk major machine failure, disrupted schedules, lost production and higher repair costs.

The right answer depends on several factors, including the conditions at your site.

- Soil conditions
- Grades
- Operating techniques
- Weather

All these factors and more can affect component life, but to what extent?

Here's one example which compares the undercarriage life a Cat® D6R Dozer in dry vs. wet conditions:

	ANNUAL PRECIPITATION	EST. UNDERCARRIAGE LIFE	COST PER HOUR <small>*Based on a £14,350 Cost of Replacement</small>
	762 mm	7,3k hours	£1.91
	1067mm	5,5k hours	£2.63

**DIFFERENCE IN UNDERCARRIAGE LIFE: 1,800 HOURS**

## CONDITION MONITORING MAKES A DIFFERENCE

A good condition monitoring programme takes site conditions into account, 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/>