



# ESCO MaxDRP™ Replacement Teeth

CRANDALL ROCK — PEOA, UTAH

## Situation

- Abrasive rock and gravel operation
- CAT 988F wheel loader
- CAT 9N4452, J-Series side-pin teeth

## Challenge

- Improve wear life and performance over standard side-pin teeth

## ESCO Solution

- Install a set of ESCO MaxDRP 450AHL

## Results

- Increased wear life and excellent loading



“The MaxDRP teeth have a lot more wear metal, increasing tooth life at least 50% over the standard side-pin teeth we were using. And they definitely stay sharper longer, a lot longer.”

Clayton Crandall  
Maintenance Superintendent, Crandall Rock

The Crandall Rock quarry operates just East of Salt Lake City at the base of the Wasatch Mountains. One of their primary production machines is a CAT 988F wheel loader. The application is large river rock with highly abrasive sand intermixed. The river rock often makes bucket penetration difficult.

Prior to upgrading to MaxDRP replacement teeth, the loader was equipped with CAT 9N4452 J-Series side pin teeth. Perry Brewer, the sales representative from local ESCO dealer Sawtooth Supply, recommended replacing the OEM teeth with ESCO's enhanced MaxDRP 450AHL abrasion point.

After the first set of MaxDRP replacement teeth, the upgrade advantage was confirmed with the increased wear life. ESCO's MaxDRP teeth averaged about 1000 hours per set, a minimum 50% increase over the CAT 9N4452 teeth. While part of the increased MaxDRP point life is the result of 25% more wear metal, the rest can be attributed to ESCO's superior alloys and wear-efficient design. The enhanced profile also maintains its sharpness for faster loading and reduced fuel consumption.

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