

## TECHNICALLY SPEAKING WITH

Ted Soenksen, *Wilmette Golf Course*



**Equipment:** John Deere walking greens mower model 220B

**Problem:** It suddenly developed a vibration and audible metallic chatter. It happened first time out in March after being completely serviced last winter.

The clutch engage lever would release because the machine vibrated so badly. The forward motion would abruptly slowed down on an incline, yet reel continued smoothly, and engine lugged a little but not die.

After taking belt cover off, it was seen that the brand new brake assembly installed in November failed. The adhesive did not hold the brake lining to the band leaving the lining free to chatter and lock up at will.

**Solution:** Replace brake band, and always keep one in stock.



**Equipment:** Toro Sand Pro (or any other piece of equipment with hydraulics)

**Problem:** Hydro pump output seal was damaged when reinstalling engine. While repositioning engine coupler assembly, accidental damage occurred to seal with a screwdriver. Unfortunately, the leak was noticed after engine installation was complete and test start up.

**Solution:** Though, I did not actually cause the damage, it was still my error in not watching over a helper that was doing the work. Never pry against a shaft seal with screwdriver or similar tool to slide the coupler or pulley assembly to for alignment.

-OC

