

Hissmekano

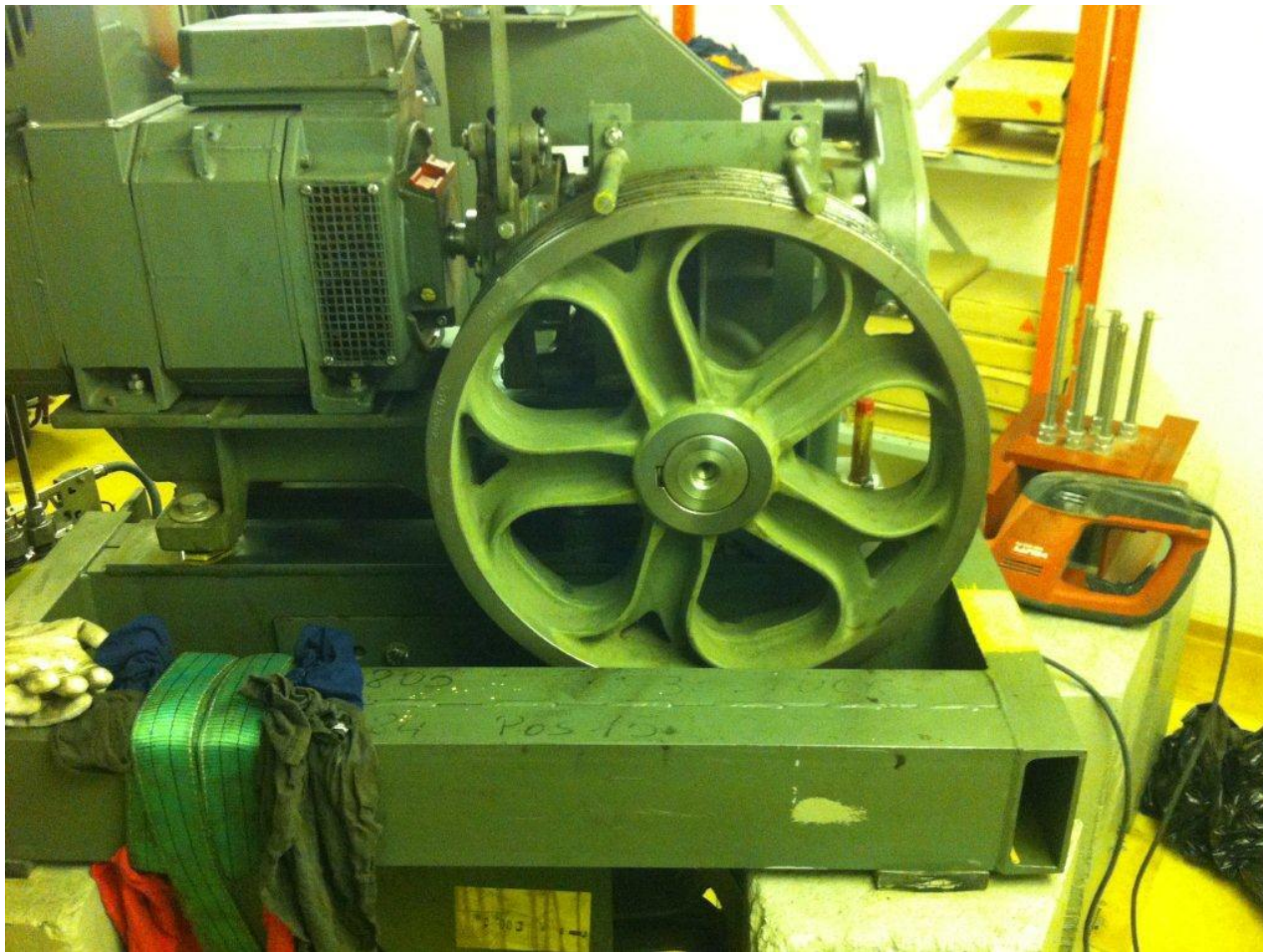
Traction sheave change

- Let us show how we change a traction sheave with a minimum of effort.
- You do not have to move or lift the machine.
- You do not have to use hydraulic jack.
- Minimum of heavy lifting since both the new sheave and the hold are divided in two .
- You can " Promise " a shorter shut off period of the lift since less things can go wrong.
- In the future next change is even quicker

The new divided sheave



The existing machine , mounted in a way so that you can not take the sheave out without lifting the machine, that is heavy, takes time and you have to make sure you get it back in exactly the same spot.



You do need a good "Tiger Saw" this Hilti is excellent, you run on low speed, We did use Lennox laser cut blades with a width of 1,4mm and cutting oil.



Choose right length of the sa blades, you will use a total of 5 blades per cut, about 20 for the total job.,



First cut takes about 20 minutes



Important to keep the saw parallel relative to the gear shaft, here you see the different cuts at 1.30 and 5.30, the cuts at the hub needs to be as close as possible to 12 and 6 o'clock.



Here you see the two cuts on the hub, we have to saw at an angle to reach the wanted 180 degree split. These two cuts takes about 30 minutes each.



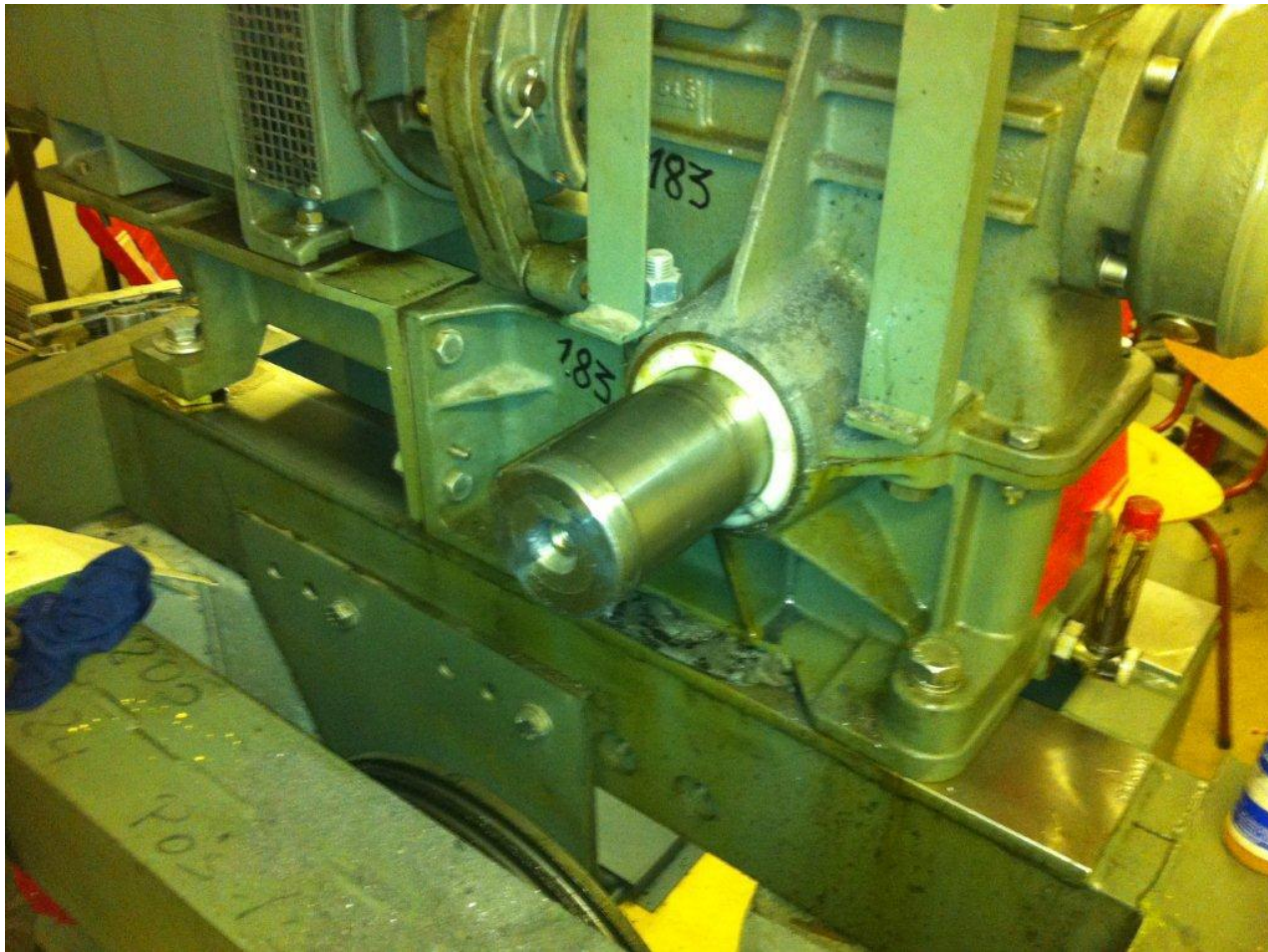
We do leave about 1-1,5mm of material at the hub. Hit a wedge in the cut with a small sledgehammer and it cracks directly.



Initially we did hit a wedge att the outer ring to sence the resistance of the sheave.



Sheave is removed Axle is without damage, Time from start to here is about 2 hours.



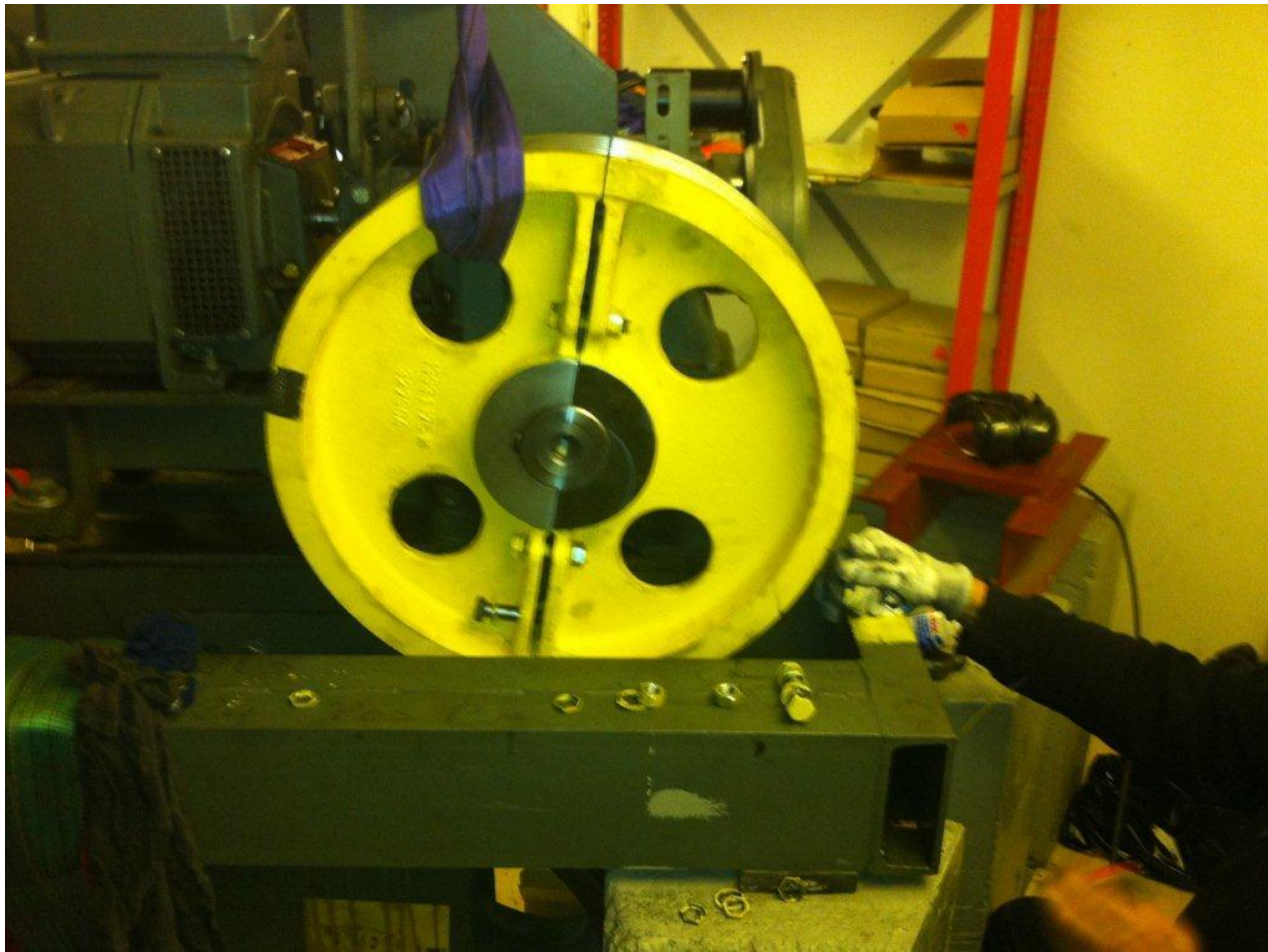
The new sheave in the machineroom, an yeasy job
since it is divided.



Two men lifts one half each and place it on the shaft.



The two halves are bolted together by eight fitting bolts.



The new sheave is mounted and ready to carry the wires, time so far is about 4,5 hours.



Check the grooves.

