

## CPS Gears solves Leveller Gear Box problem for EVRAZ North America



### **i** THE PROBLEM

CPS Gears was engaged (because of our knowledge and partnership with Wikov Gear S.R.O) to replace the Leveller Gear Box (circa 1950) in one of it's Skelp Leveller machines at EVRAZ North America's Camrose AB location as part of their routine maintenance schedule. The gear box was supplied to site and in preparation to be fitted when it subsequently failed sooner than expected, resulting in the machine being taken out of the operation.

### **gears** THE SOLUTION

**To resolve the issue, we took the following steps**

1. Jim (CPS Gears) provided the expertise and consultancy to provide a solution to the problem, using the drawings and technical information provided by EVRAZ, saving time and money by avoiding the need to be on-site to perform a visual assessment.
2. We then created a precise draft drawing of the proposed replacement gear and a supporting proposal detailing the cost and implementation time frame.
3. EVRAZ accepted the proposal and we arranged the shipping for the custom gear box and delivered it as per the communicated delivery GANTT chart.

**Then this happened**

4. We took a call from EVRAZ on a Sunday AM and they told us the Leveller gear box had failed.
5. CPS Called the Factory Sunday and left messages for the Sales Manager & Service Manager, Monday AM Wikov Gear advised what would happen and the Service Tech was on site 7.30 AM of Thursday of the same week.
6. We then assessed the situation (on-site), and completed the implemented the new gear box right away, ahead of schedule.

## THE RESULT(S)

The replacement gear box was installed quickly and efficiently and has been running smooth since installation in April 2019 and EVRAZ, Camrose AB now benefits from running a new drive with a Service Factor of 2.5 for years to come.

And EVRAZ have continuing access to our service on a 24x7 basis as part of our commitment to supporting our clients.

## What Our Client Says...

“ EVRAZ was pleased with the gearbox replacement project for our Camrose facility. CPS Gear ensured the new gear box dropped in without any issues on our end and has been running smoothly since day 1. ”

– **Mike Reid,**  
Senior Engineering Manager, Alberta.