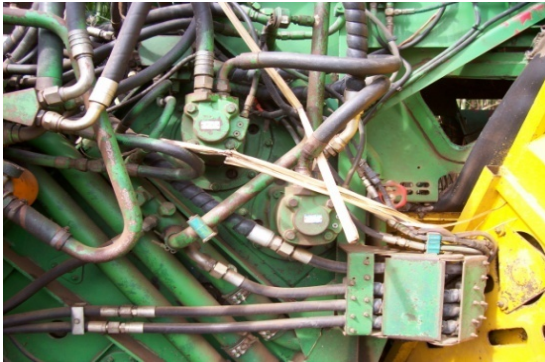


# CUSTOM Case Study

fluid power

**Application:** Cane Harvester Chopper Drive

**Product Group:** Mobile – Sai Motors



Before- with Orbital motors



Typical track drive Cane Harvester



After – with SAIs fitted



Chopper Box area

## Summary

A chopper drive is part of the chopper system that cuts the stick of cane into billets for ease of transport.

A customer approached us with problems with his chopper motors. Time is money for cane harvesting contractors, so when choppers are stalling or choking up and machines are experiencing down time, this is a serious problem.

## Solution

Custom Fluidpower replaced the Char-Lynn 10,000 series with Sai GM2 series motors as the GM2 series hold a lot better torque at low rpm.

## Advantages of Solution:

Advantages of radial piston motors over orbital motors - a Sai radial motor will handle higher pressure making it better to handle more torque unlike the orbital motor that will leak or even bypass under the higher pressure, causing it to stall and not cut which means a loss in production.