



Challenge

- Quickly find out the radial load and final the gear train geometry for hydraulic pump development.
- Design new gearbox with higher torque capacity in limited timeline.

Why KISSsoft ?

- Patent with 3D drawings were done faster than ever before.
- Driveline gearpair selection and prediction of bearing life.
- Support from Kadkraft to implement it successfully.

Results

- Able to design the gearpair and find out the radial load in fraction of minute and communicate to the pump supplier
- Reduce in design time by 50%
- Able to design a gearbox quickly and accurately and find out the feasibility for gearbox development in terms of manufacturability & costing

“With KISSsoft we were able to design critical gearboxes very quickly. It is very useful tool for driveline.”

Kaushik Sharma
JCB India Limited