

## Premium Transmission Limited



Pune, India



**KISSOFT**  
Calculation programs for machine design



KISSsoft - Gear Design Solutions

### Challenge

Quickly respond to customer requirement for an application specific gear box.

To generate detailed design documentation conforming to a standard.

### Why KISSsoft ?

- Accurate gear geometry and strength calculation.
- Documented reports.
- Improve communication with customers.
- Helpful in Product series development and catalogue preparation.
- Reduced expensive and time consuming physical testing.
- Support from Kadkraft to implement it successfully
- User friendly

### Results

- Able to generate parametric gear box models for quick design finalization of gears, shaft and bearings with proper design calculations reports.
- Reduce in design time by 50%
- 10% saving due to optimisation of gear box components.
- Improved gear performance.

*"With KISSsoft we were able to design critical gearboxes surpassing our customer's expectations. As a results, we got additional business from our customers ."*

**S.Mukhopadhyay**

**DGM – R&D**

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