

Engine Assembly Line



Business Challenge

- Line Tact Time
- Challenge to handle 48 variants on single line
- Challenging engine assembly pallet concept



Wipro PARI Solution

- Bevel Gear Conveyor solution
- Indexing type pallet design
- Robotic part handling and marking stations
- Automated inversion stations
- Automated oil dispensing stations
- Automated in process verification stations
- Vision based Part poke yokes on the line



Benefits/ Business Outcomes

- Cycle time requirements were matched
- Operator errors are eliminated
- All engine variants accommodated in single line

