

**THE CONSTRUCTION OF OIL STEERING SYSTEM IN EGG BEAN
SPINNER MACHINES**

ABSTRACT

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This final assessment aims to construct an oil steering system in egg bean spinner machines. The oil steering system served to direct the oil flow resulted from seepage to come out of the machines. The oil steering system consisted of three components, they were oil steering tubes, oil steering cones, and oil steering pipes.

The method employed to construct this oil steering system involved identification of the oil steering system picture, machine and equipment preparation, materials preparation, fabrication processes of oil steering tubes, fabrication processes of oil steering cones, fabrication processes of oil steering pipes, size examination, component assembly processes, functional and machine performance tests.

The fabrication results of the oil steering system had been in line with the design of the performance picture and could serve well when the machine was being run. The oil steering system could direct the oil flow resulted from seepage out of the machine. When passing through the performance test, it was showed that the machine could drain 1.2 kg of egg beans within 10 minutes or about 7.2 kg/ hour. The time needed to construct the oil steering system was 12 hours. The egg bean spinner machine costs Rp3,500,000,-.

Keywords: Steering, oil, beans, egg, seepage, oily, dry