

Re: Safety advice 04/12/2015

Robel 62.05 Vertical Tamper Inspection

Date of inspection: 07/12/2015

Ser No: 62.05-0788K

Torrent Asset Number: T127 936

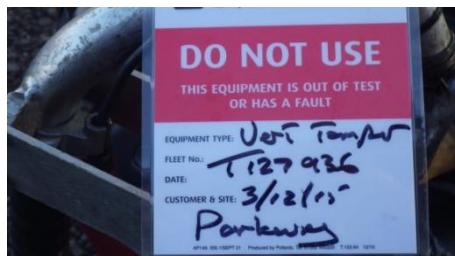
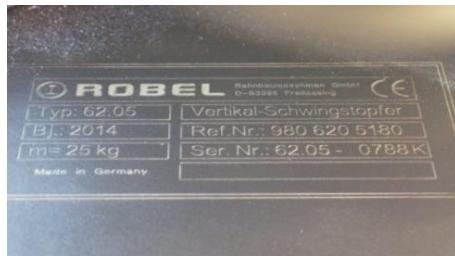
Location: NWR depot, Queen Anne Road, Bristol (quarantine store)

Present:

Tim Stafford – Plasser UK

Mike Fox – Torrent Trackside.

Tim Buffery – NWR



Initial inspection found that the engine had become detached from the machine at the joint between the Kawasaki Engine crank case and the Robel Fan housing.

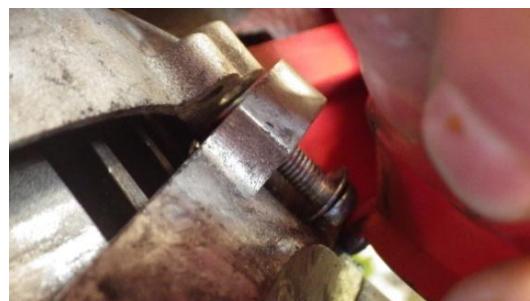


During inspection it was noted that the Kawasaki Crank case and the Robel Fan housings were of the correct type were intact and showed no signs of cracks.

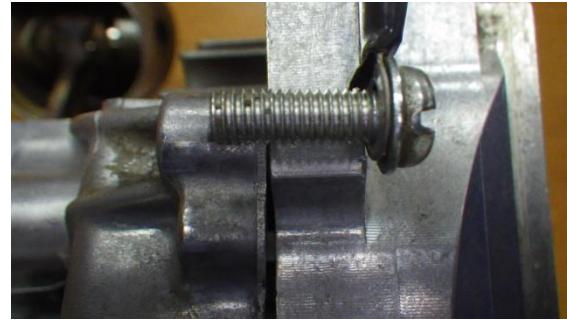
The centrifugal clutch was also intact; the clutch spring was in place however stretched.



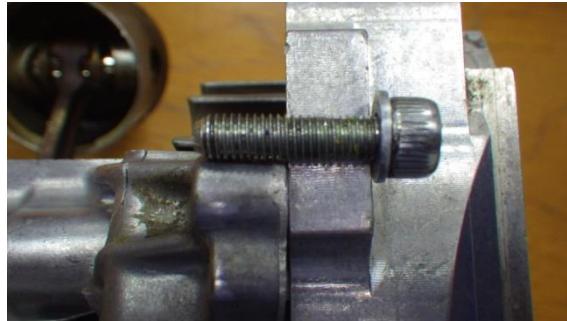
One of the screws that secure the Crank Case and Fan housings was found loose under the Engine cover.



On closer inspection it was noted that this screw was too short for the application and the threads had stripped due to insufficient thread insertion.



Incorrect Screw - too short for application (M5x16).



Correct Screw for application (M5x20)

Conclusion:

Cause of failure incorrect screw used for application, possibly not torqued and no signs of screw locking medium.

Actions:

Currently the machines for Bristol DU – Western Route are in quarantine pending further inspection by Torrent Trackside.