

## D.C. Motor Maintenance Inspection Form

Job#: 96937

Date: 9 July 2020

Customer : Firestone 3

Machine: Extruder

Manufacturer: Reliance

Hp/kw: 700 ☒ Hp ☐ Kw

RPM: 1150/1250

Frame: B687ATZ

Model #: 1U339897-T1-ZH

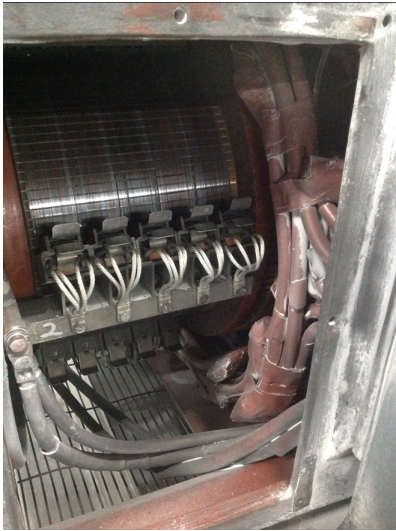
Serial #:



Internal visual appearance :

Dusty

Internal photo



Internal photo



Brushes :

75%

No. Of Brushes:

20

Brush Holders:

Good

Brush Springs:

Good

Brush holder



Brush photo



Commutator : Fair show unevenness

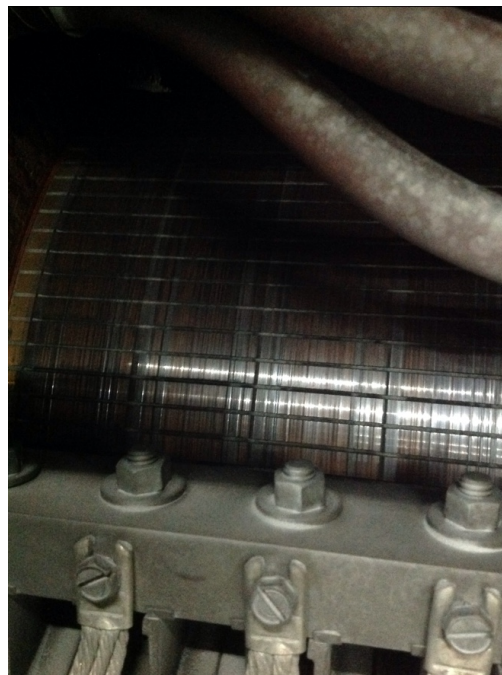
Stoned Com: ☐ Yes ☒ No

Comments : Commutator has a lot of grooving. Recommend getting it turned and undercut.

Commutator



Commutator

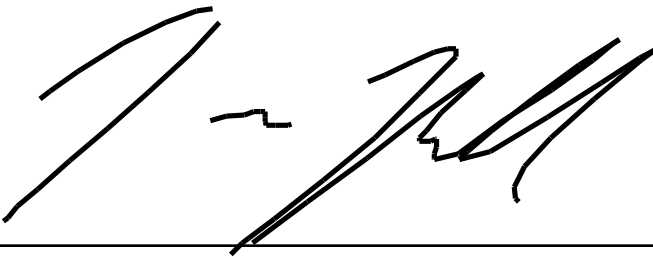


Motor Evaluation :

Motor is dusty so I blew it out.  
Recommend turning commutator  
Armature has 6.5 megaohms at 500 volts  
Fields are at 550 megaohms and have 47 ohms  
Brushrack, interpoles and leads are at 1 megaohm

Technician :

Trevor Hall



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