

D.C. Motor Maintenance Inspection Form

Job#: 96937

Date: 9 July 2020

Customer : Firestone 2

Machine: 1 extruder

Manufacturer: Reliance

Hp/kw: 400 Hp Kw

RPM: 1150/2300

Frame: B587ATZ

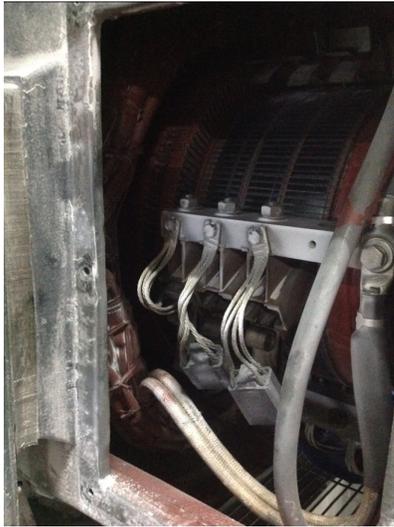
Model #: T58R003A

Serial #:



Internal visual appearance :

Internal photo



Internal photo



Brushes :

No. Of Brushes:

Brush Holders:

Brush Springs:

Brush holder



Brush photo



Commutator :

Stoned Com: Yes No

Comments : Commutator has even grooving and a good film. Recommend turning when pulled for rebuild.

Commutator



Commutator



Motor Evaluation :

Armature is 600 megaohms
Brushes look great and have little wear
Fields are 46 ohms and have 98 megaohms at 500 volts
Interpoles, brushrack and leads have 1000 megaohms
Motor is dusty so I blew it out.
Commutator has slight grooving
There is a lot of humidity in the motor

Technician :

Trevor Hall

