

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

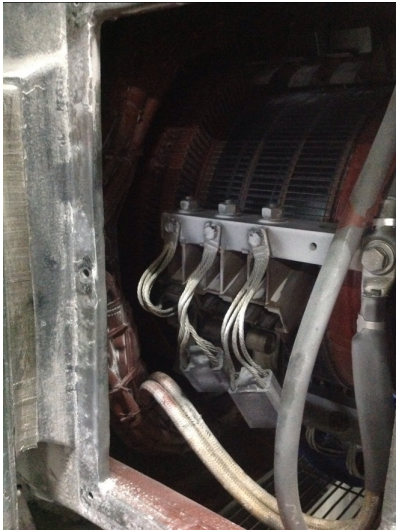
Serial #:



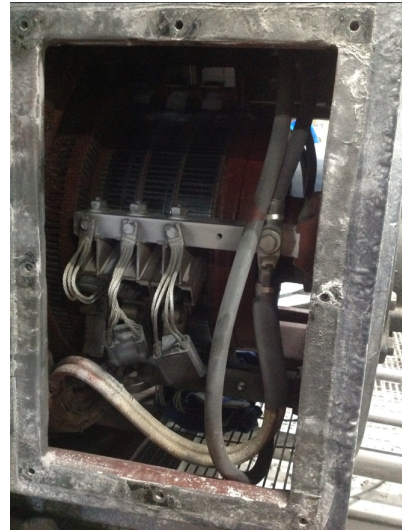
Internal visual appearance :

Dusty

Internal photo



Internal photo



Brushes :

75%

No. Of Brushes:

12

Brush Holders:

Good

Brush Springs:

Good

Brush holder



Brush photo



Commutator :

Good Mild wear

Stoned Com:

☐

Yes

☒

No

Comments :

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

Commutator



Commutator

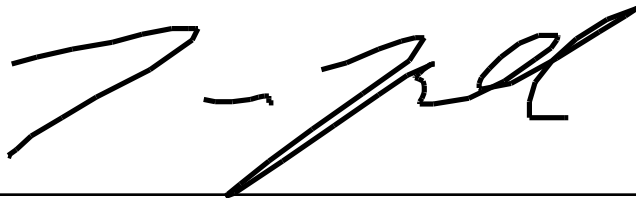


Motor Evaluation :

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

A handwritten signature in black ink, appearing to read 'Trevor Hall', is written above a horizontal line.