



Number: TSB-FC-2014-018

Symptom: CS7000 Vac motors wearing out prematurely

Date: 28th July 2014

Urgency: Low

Author: Matt Herr

Urgency:

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HIGH: Rework needs to be done immediately

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MEDIUM: Rework needs to be done by next possible occasion

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LOW: Rework to be done if necessary

☐

GENERAL: General information

SYMPTOM:

CS7000 not picking up water or debris. Vac motor is not functioning.

PRODUCTS:

CS7000

SYSTEM:

Recovery System

ISSUE:

Some vacuum motors are failing early on the CS7000 under normal circumstances and use

CAUSE:

Existing carbon brushes in the vac motors were not lasting to the expected hours of use

ECO / ODM #:

A-10496

PRODUCTION CORRECTIVE ACTIONS:

Carbon brushes in the vacuum motors have been improved by the vendor and have been tested to a much longer expected life.

PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

First production machine with new 56510209 MOTOR-VAC-36VDC installed as standard equipment:

Implementation Shipping Date: July 2, 2014

Serial Number: 1000053204

Note: Improved vacuum motors can be identified by the vendor serial number. New parts shall be labeled by vendor as Ametek PN 122257-46/Blue label



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FIELD CORRECTIVE ACTIONS: (All machines built prior to Serial Number 1000053204)

If existing vac motor fails in the field, replace existing motor with PN 56510209

SPARE PARTS or Kits Needed:

56510209 MOTOR-VAC-36VDC

COMPONENT LOCATIONS / PICTURES:



Vac motor w/ improved brushes
has blue label and Ametek Serial
Number 122257-46