

RMMMA May 5, 6, 2016

RMMMA Member's

Kevin Sondrol Secretary-treasurer
Leon Sabot mobile chair
Kerwin Lund plant chair
Roger Hatheway board member
Lee Lind board member

Scholarships is as follows:

1. Wyatt Wilson
2. Ryan Geving
3. Caleb Krebs
4. Ryan Morelli
5. Christopher Hill
6. Sherwin Strege (Runner up if necessary)

Anti-Trust statement was read.

Election of Board members was held.

Lee Lind is a new board member

Presenters Fists day 5/6

L&H Industrial - Value Added Solutions for Mobile Equipment
L&M Radiator – ATAAC Replacements – Custom Solutions
GE –Repair Services- Mobile and Fixed Assets
Caterpillar- Master Link Bolt Breakage-Undercarriage
APS Lighting & Safety-Collision Avoidance Safety Systems

Group discussion Second day 5/7

Q: are there other mines that are trying the Century pre-cleaners, and are they having any luck?

Have one installed on 789c with poor results. Expectations: Still operating with restriction. Was expecting with honey cone pre-cleaner removed it would take care of the engine de-rate.

Discussion: other mines have the Century pre-cleaners installed and are putting pre-cleaners on more equipment scrapers, Hitachi shovels, and Hitachi and Komatsu trucks, excepting fuel consumption reduction and improvements air filter life.

Q: What are other mines using for sight glass or method of measuring water tank leaves?

Ultrasonic gauges, and sight glasses. Problem with sight glass is it fills full of rust making it hard to read.

Q: Water canon remote controlled, the air and electric don't stand up to rough environment on the water trucks.

A reply from one of the mines that the remote hydraulic operated canon was holding up quite well.

Q: Atmospheric pressure sensor Issues on 16M blades.

Use of a different sensor Part# 194-6722 and installed a Duetsch connector in place of the AMP style connector on the harness is working for one mine.

Q: Are there other mines having troubles with air conditioning on their mobile equipment
Sanden A/C compressor is working at idle and when the engine is sped up the compressor efficiency goes down.

Reply: On the Sanden compressors the air gap is out of spec right from the shelf.

1. Check air gap with feeler gauge. Specification is 0.016" - 0.031" (0.4 - 0.8mm). If gap is not even around the clutch, gently tap down at the high spots. 2. If the overall gap is out of spec., remove the armature assembly and change the shims as necessary

Q: Is there a mine using the HE parts isolation seal,

One mine has the seals on deck to try, just the seal. The seal is to prevent contamination from side to side in case of a failure.

Bearing failures on wheel spindles, some mines getting 30,000 hrs. On bearings others getting 1100 to 6000 hrs. On bearings. One mine was trying blue printing spindle to bearing fit with RBC bearings. This procedure was to eliminate the bearing to spindle fretting. The fretting was creating metal witch in retune was causing seals to fail.

Q: Are there mines that run the 830 Komatsu trucks having early front strut failures.

The asking party was getting 18000 hrs. and having seal failures. Resolution was a limit check-ball the check ball was failing causing metal to get into the seal causing the seal and strut to fail.

Q: Are there mine using the Nano-Net filter switching to Donaldson 2 ply or 2 layer filters on the T4 QSK 60 Cummins

Yes other mines are using the Donaldson with good results.

Q: Are there other mines having AM-FM Radio reception issues

On Kress trucks they are grounding the antenna and the radio to frame.