



LAMCOR CORPORATION

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Inspection Report

LSO533CL4001report11152021

Customer Information

Customer: Canam Machinery

Location: Fitchburg, MA

Customer Contact: Dan Nigrosh

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Distribution

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Equipment Information

CL-4001 Vacuum Pump

Serial Number 02362691

Issue Date: November 15, 2021



Job Description:

Canam has sent to Lamcor one (1) vacuum pump originally built by Nash to be rebuilt.

The pump is a CL 4001

The pump original Serial Number is 02362691

The Lamcor shop order number is LSO-533

The pump was completely disassembled and rebuilt

Results of Inspection – CL4001

The pump is in generally good condition showing no visible cracks, damage, or major corrosion.

The pump body is cast iron

The rotor is cast iron

The heads are cast iron

The cones are cast iron

The shaft is straight based on run-out measurements.

The packing and seal areas of the shaft required cleaning

Scope of rebuild:

1. Pump was disassembled and parts inspected
2. Parts were sandblasted and primed
3. Shaft packing and seal surfaces checked to original size
4. Installed new bearings and seals
5. Installed new packing
6. Install new body, cone and end cover gaskets
7. Skimmed Cones to restore concentricity and smooth surface
8. Re-assembled pump and set rotor travel to OEM specification
9. Painted pump with two coats of epoxy paint
10. Attach operating labels, name tag and shipping covers

