



**LUBRIPORT  
LABORATORIES  
INC.**

1650 AIRLINE DRIVE  
KENNER, LA 70062

(504) 464-1734

NEW ORLEANS PUBLIC  
BELT RAILROAD  
JOSH/BANJO

LOCO 3003  
COMPRESSOR

CP #060

THIS SEPTEMBER SAM-  
PLE CONTAINS SOME  
SETTLED, FERROUS  
WEAR DEBRIS. SERI-  
OUS PROBLEM UNLIKE-  
LY AT THAT TIME.

THIS MORE RECENT  
SAMPLE ALSO CONTAINS  
FERROUS DEBRIS. JAN-  
UARY RESAMPLE MAY  
BE CONSIDERED.

DARK, METALLIC  
SOLIDS SETTLED  
IN SAMPLE. RE-  
SAMPLE AT NORMAL  
TIME.

AMOUNT OF NON-  
METALLIC SOLIDS  
INCREASED. LITTLE  
CHANGE IN WEAR MET-  
ALS FOUND. WINTER  
RESAMPLE SUGGESTED.

WEAR AND CONTAMI-  
NATION LEVELS  
IMPROVED SLIGHTLY.  
PROBLEM UNLIKELY.

INVOICE NO.	LL-63933	LL-63933	LL-64328	LL-65374	LL-65932
REPORT DATE:	JANUARY 7, 2019	JANUARY 7, 2019	MARCH 20, 2019	OCTOBER 21, 2019	FEBRUARY 24, 2020
DATE SAMPLE REC'D:	DECEMBER 17, 2018	DECEMBER 17, 2018	MARCH 11, 2019	OCTOBER 1, 2019	FEBRUARY 10, 2020
PRODUCT	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL
LAB NUMBER	12-480	12-481	3-211	10-4	2-259
DATE SAMPLED	9/5/18	12/4/18	3/11/19	9/6/19	12/11/19
VISC. SUS @ 100 F	344 SECS.	353 SECS.	349 SECS.	351 SECS.	351 SECS.
VISC. KIN @ 100 F	74.2 CST.	76.1 CST.	75.2 CST.	75.7 CST.	75.7 CST.
PENTANE INSOLUBLES	0.1%	0.1%	0.05%	0.1%	TRACE
WATER BY DIST.	0.05%	0.05%	TRACE	0.05%	TRACE
METALS					
IRON	16.0	18.6	16.6	14.7	8.4
SILVER	0.0	0.0	0.0	0.0	0.0
ALUMINUM	0.2	0.1	0.6	1.2	0.8
CHROMIUM	0.5	0.2	1.0	0.6	0.6
COPPER	1.1	0.9	1.8	2.1	1.4
MAGNESIUM	0.2	0.2	2.7	9.9	9.5
SODIUM	0.9	0.8	1.4	2.2	1.0
NICKEL	0.2	0.1	1.2	0.2	0.0
LEAD	0.7	0.6	1.5	0.6	1.6
SILICON	8.3	8.1	5.0	4.7	5.1
TIN	2.9	2.7	0.6	0.9	0.1
TITANIUM	0.0	0.0	0.0	0.7	0.1
BORON	0.5	0.2	0.0	0.5	0.4
BARIUM	0.7	0.4	1.1	0.8	0.2
MOLYBDENUM	0.0	0.0	0.1	0.6	0.1
VANADIUM	0.0	0.0	0.0	0.1	0.2
ZINC	3.0	3.2	4.6	3.5	4.4
MANGANESE	0.0	0.0	0.0	0.0	0.0
CALCIUM	18.4	10.6	12.5	52	16.8
PHOSPHORUS	12.3	12.7	11.9	14.7	14.3

*Josh Banjo*