



**LUBRIPORT  
LABORATORIES  
INC.**

1650 AIRLINE DRIVE  
KENNER, LA 70062

(504) 464-1734

NEW ORLEANS PUBLIC  
BELT RAILROAD  
JOSH/BANJO

UNIT #3002  
COMPRESSOR

CP #061

THIS MORE RECENT  
SAMPLE FROM COM-  
PRESSOR CONTAINS  
SIMILAR WEAR AND  
CONTAMINATION LEV-  
ELS. NO CORRECTIVE  
ACTION NECESSARY.

RESAMPLE AT NORMAL  
TIME. NO UNUSUAL  
WEAR OR CONTAMINA-  
TION FOUND.

SLIGHT INCREASE IN  
WEAR AND CONTAMINA-  
TION FOUND. PROBLEM  
UNLIKELY AT THIS  
TIME.

HIGHER IRON DE-  
TECTED. REMAINING  
WEAR METALS ARE  
RELATIVELY STABLE.  
SERIOUS PROBLEM  
UNLIKELY.

WEAR AND CONTAMI-  
NATION LEVELS  
IMPROVED SLIGHTLY.  
RESAMPLE AT NORMAL  
TIME.

INVOICE NO.	LL-63933	LL-64328	LL-65216	LL-65216	LL-65932
REPORT DATE:	JANUARY 7, 2019	MARCH 20, 2019	SEPTEMBER 18, 2019	SEPTEMBER 18, 2019	FEBRUARY 24, 2020
DATE SAMPLE REC'D:	DECEMBER 17, 2018	MARCH 11, 2019	AUGUST 29, 2019	AUGUST 29, 2019	FEBRUARY 10, 2020
PRODUCT	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL
LAB NUMBER	12-477	3-209	8-965	8-966	2-257
DATE SAMPLED	11/20/18	2/11/19	5/15/19	8/13/19	11/15/19
VISC. SUS @ 100 F	341 SECS.	347 SECS.	350 SECS.	352 SECS.	351 SECS.
VISC. KIN @ 100 F	73.5 CST.	74.9 CST.	75.4 CST.	75.8 CST.	75.6 CST.
PENTANE INSOLUBLES	TRACE	NIL	TRACE	0.05%	TRACE
WATER	TRACE	NIL	TRACE	0.05%	TRACE
METALS					
IRON	19.3	17.5	18.0	22	14.8
SILVER	0.0	0.0	0.0	0.0	0.0
ALUMINUM	0.3	0.6	0.6	0.3	0.1
CHROMIUM	0.7	0.9	0.4	0.5	0.2
COPPER	2.9	3.3	5.0	5.8	4.4
MAGNESIUM	2.5	3.7	4.8	5.2	5.9
SODIUM	3.3	4.2	2.4	1.9	1.0
NICKEL	0.4	1.0	0.0	0.0	0.3
LEAD	0.0	0.0	0.7	0.7	0.5
SILICON	7.4	4.7	1.6	3.6	4.4
TIN	0.0	0.0	0.0	0.0	0.0
TITANIUM	0.0	0.0	0.0	0.0	0.0
BORON	0.2	0.3	1.1	0.5	0.2
BARIUM	0.7	0.8	0.1	0.2	0.0
MOLYBDENUM	6.9	5.9	0.9	1.5	2.0
VANADIUM	0.0	0.0	0.4	0.3	0.2
ZINC	84	99	92	92	96
MANGANESE	0.0	0.0	0.0	0.0	0.0
CALCIUM	150	159	140	88	97
PHOSPHORUS	65	69	69	64	84

*Josh Filburn*