



LUBRIPORT LABORATORIES INC.

1650 AIRLINE DRIVE
KENNER, LA 70062

(504) 464-1734

NEW ORLEANS PUBLIC
BELT RAILROAD
JOSH/BANJO

LOCO 4004
COMPRESSOR

CP #071

WEAR AND CONTAMINA-
TION LEVELS INCREAS-
ED. SAMPLE IS CLOUDY
WITH SEDIMENT OF
METALLIC AND NON-
METALLIC DEBRIS.

PROBLEM UNLIKELY.
SAMPLE IS A CLEAR
YELLOW OIL. REDUCED
WEAR AND CONTAMINA-
TION FOUND.

NO CORRECTIVE AC-
TION NECESSARY.
WEAR AND CONTAMI-
NATION LEVELS ARE
NORMAL.

OIL SUITABLE FOR
CONTINUED USE. NO
UNUSUAL WEAR OR
CONTAMINATION
FOUND.

LITTLE CHANGE SINCE
LAST ANALYSIS.
PROBLEM UNLIKELY.

INVOICE NO.	LL-64328	LL-64599	LL-65216	LL-65498	LL-65932
REPORT DATE:	MARCH 20, 2019	MAY 21, 2019	SEPTEMBER 18, 2019	NOVEMBER 14, 2019	FEBRUARY 24, 2020
DATE SAMPLE REC'D:	MARCH 11, 2019	MAY 7, 2019	AUGUST 29, 2019	NOVEMBER 8, 2019	FEBRUARY 10, 2020
PRODUCT	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL
LAB NUMBER	3-215	5-269	8-974	11-225	2-262
DATE SAMPLED	1/21/19	4/23/19	7/21/19	10/29/19	1/30/20
VISC. SUS @ 100 F	765 SECS.	748 SECS.	745 SECS.	739 SECS.	744 SECS.
VISC. KIN @ 100 F	165.1 CST.	161.4 CST.	160.8 CST.	159.6 CST.	160.5 CST.
PENTANE INSOLUBLES	0.2%	TRACE	TRACE	TRACE	TRACE
WATER BY DIST.	0.1%	TRACE	TRACE	TRACE	TRACE
METALS					
IRON	40	20	28	18.8	16.3
SILVER	0.0	0.0	0.0	0.0	0.0
ALUMINUM	1.5	0.9	1.4	2.0	1.6
CHROMIUM	1.4	1.0	0.6	0.4	0.3
COPPER	1.9	1.1	2.2	2.5	1.4
MAGNESIUM	6.2	3.0	12.9	14.0	13.9
SODIUM	18.5	8.9	7.7	6.5	4.8
NICKEL	2.6	1.2	0.6	0.3	0.1
LEAD	5.7	2.5	2.7	1.4	0.6
SILICON	2.8	2.5	3.5	3.3	2.1
TIN	0.8	0.0	0.2	0.3	0.0
TITANIUM	0.0	0.2	0.8	0.5	0.0
BORON	0.2	0.1	0.1	0.5	0.9
BARIUM	0.5	0.4	0.5	0.5	0.0
MOLYBDENUM	0.1	0.4	0.1	0.2	0.3
VANADIUM	0.1	0.0	0.1	0.1	0.1
ZINC	9.5	5.2	4.7	2.9	1.1
MANGANESE	0.7	0.1	0.2	0.5	1.0
CALCIUM	52	59	45	48	14.4
PHOSPHORUS	12.4	9.9	5.7	6.3	5.9

Josh Taylor