



LUBRIPORT LABORATORIES INC.

1650 AIRLINE DRIVE
KENNER, LA 70062

(504) 464-1734

NEW ORLEANS PUBLIC
BELT RAILROAD
JOSH HARPER

LOCO 1001
COMPRESSOR

CP #062

WEAR AND CONTAMINATION LEVELS REMAIN LOW. NO CORRECTIVE ACTION NECESSARY.

VISCOSITY REDUCED TO A MORE TYPICAL VALUE. MOST WEAR LEVELS INCREASED. SERIOUS PROBLEM UNLIKELY AT THIS SAMPLE DATE.

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

DARK SEDIMENT OF MOSTLY NON-METALLIC DEBRIS PRESENT. NORMAL WEAR DETECTED. SERIOUS PROBLEM UNLIKELY.

WEAR AND CONTAMINATION LEVELS ARE REDUCED. NO CORRECTIVE ACTION NECESSARY.

INVOICE NO.	LL-62971	LL-65216	LL-65216	LL-65498	LL-65932
REPORT DATE:	JUNE 26, 2018	SEPTEMBER 18, 2019	SEPTEMBER 18, 2019	NOVEMBER 14, 2019	FEBRUARY 21, 2020
DATE SAMPLE REC'D:	JUNE 5, 2018	AUGUST 29, 2019	AUGUST 29, 2019	NOVEMBER 8, 2019	FEBRUARY 10, 2020
PRODUCT	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL
LAB NUMBER	6-300	8-959	8-960	11-219	2-245
DATE SAMPLED	5/2/18	5/7/19	8/6/19	11/5/19	1/20/20
VISC. SUS @ 100 F	771 SECS.	362 SECS.	363 SECS.	354 SECS.	358 SECS.
VISC. KIN @ 100 F	166.3 CST.	78.1 CST.	78.3 CST.	76.3 CST.	77.2 CST.
PENTANE INSOLUBLES	0.05%	TRACE	TRACE	0.1%	TRACE
WATER BY DIST.	TRACE	TRACE	TRACE	TRACE	TRACE
METALS					
IRON	1.4	10.7	12.1	11.7	6.4
SILVER	0.0	0.0	0.0	0.0	0.0
ALUMINUM	0.2	0.2	0.2	1.0	0.5
CHROMIUM	0.1	0.1	0.5	1.1	0.9
COPPER	0.6	1.0	2.3	2.8	1.6
MAGNESIUM	0.6	3.9	4.5	9.5	8.6
SODIUM	0.9	1.4	0.5	2.3	1.6
NICKEL	0.1	0.4	0.1	0.4	0.2
LEAD	0.0	0.4	1.8	2.0	1.1
SILICON	4.1	4.2	6.0	9.2	3.5
TIN	0.0	0.0	0.1	2.6	0.6
TITANIUM	0.0	0.0	0.1	2.0	0.0
BORON	0.0	0.0	0.0	1.2	0.8
BARIUM	0.2	0.0	0.0	0.7	0.4
MOLYBDENUM	0.1	0.0	0.0	0.4	0.3
VANADIUM	0.0	0.0	0.2	0.1	0.0
ZINC	1.9	1.9	2.3	3.2	1.8
MANGANESE	0.0	0.0	0.0	0.2	0.0
CALCIUM	9.9	10.7	9.5	19.7	7.4
PHOSPHORUS	1.6	1.8	1.4	3.8	2.3

Josh Harper