



**LUBRIPORT
LABORATORIES
INC.**

1650 AIRLINE DRIVE
KENNER, LA 70062

(504) 464-1734

NEW ORLEANS PUBLIC
BELT RAILROAD
JOSH HARPER

LOCO 1503
COMPRESSOR

CP #063

SERIOUS PROBLEM
UNLIKELY. NORMAL
WEAR AND LITTLE
CONTAMINATION
FOUND.

LITTLE CHANGE SINCE
LAST ANALYSIS. NO
CORRECTIVE ACTION
NECESSARY.

NO PROBLEMS AP-
PARENT FROM THIS
ANALYSIS. WEAR AND
CONTAMINATION LEV-
ELS ARE NORMAL.

DARK, FERROUS
SOLIDS AND FINE
ABRASIVES SETTLED
IN SAMPLE. RISE IN
MOST WEAR METALS
DETECTED.

CONDITION OF OIL IS
RELATIVELY STABLE.
SERIOUS PROBLEM UN-
LIKELY.

INVOICE NO.	LL-62227	LL-64071	LL-64599	LL-65498	LL-65932
REPORT DATE:	JANUARY 19, 2018	FEBRUARY 5, 2019	MAY 21, 2019	NOVEMBER 14, 2019	FEBRUARY 21, 2020
DATE SAMPLE REC'D:	JANUARY 12, 2018	JANUARY 18, 2019	MAY 7, 2019	NOVEMBER 8, 2019	FEBRUARY 10, 2020
PRODUCT	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL
LAB NUMBER	1-339	1-620	5-259	11-221	2-253
DATE SAMPLED	1/4/18	1/15/19	4/18/19	10/17/19	1/16/20
VISC. SUS @ 100 F	345 SECS.	351 SECS.	353 SECS.	350 SECS.	342 SECS.
VISC. KIN @ 100 F	74.4 CST.	75.7 CST.	76.2 CST.	75.4 CST.	73.8 CST.
PENTANE INSOLUBLES	TRACE	TRACE	TRACE	0.1%	0.1%
WATER BY DIST.	NIL	TRACE	TRACE	TRACE	TRACE
METALS					
IRON	62	64	41	58	47
SILVER	0.0	0.0	0.0	0.0	0.0
ALUMINUM	1.5	1.0	0.4	1.9	1.2
CHROMIUM	2.4	1.5	1.4	2.3	0.6
COPPER	4.5	4.4	5.7	6.9	11.4
MAGNESIUM	1.9	1.0	1.0	12.8	11.9
SODIUM	2.4	2.4	1.7	2.7	0.9
NICKEL	0.6	0.5	0.8	1.0	0.1
LEAD	4.7	2.0	2.3	1.8	1.9
SILICON	6.7	8.6	5.4	15.2	11.6
TIN	3.2	5.9	1.4	3.8	0.7
TITANIUM	0.7	0.4	0.2	2.5	0.7
BORON	0.6	0.4	0.2	1.4	1.2
BARIUM	0.5	1.0	0.2	0.7	0.0
MOLYBDENUM	0.8	0.5	1.0	1.4	0.0
VANADIUM	0.2	0.0	0.0	0.2	0.1
ZINC	7.5	8.4	10.6	8.0	83
MANGANESE	0.3	0.2	0.0	0.6	0.0
CALCIUM	34	28	19.1	26	30
PHOSPHORUS	2.1	2.7	2.5	12.7	74

Josh Harper