



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**Store 9 - Marietta**  
 Machine Id  
**PETERBILT 337 2NP2HJ6X5JM493179**  
 Component  
**Transmission (Auto)**  
 Fluid  
**ATF (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0020549</b>	LEC0015279	LECP193408
Sample Date		Client Info		<b>23 Apr 2021</b>	15 Sep 2020	23 Mar 2019
Machine Age	mls	Client Info		<b>74956</b>	64494	33036
Oil Age	mls	Client Info		<b>74956</b>	64494	0
Filter Age	mls	Client Info		<b>0</b>	64494	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	<b>45</b>	41	28
Iron	ppm	ASTM D5185m	>160	<b>156</b>	145	74
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>5	<b>2</b>	1	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>20</b>	16	11
Lead	ppm	ASTM D5185m	>50	<b>12</b>	11	4
Copper	ppm	ASTM D5185m	>225	<b>8</b>	8	10
Tin	ppm	ASTM D5185m	>10	<b>3</b>	2	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

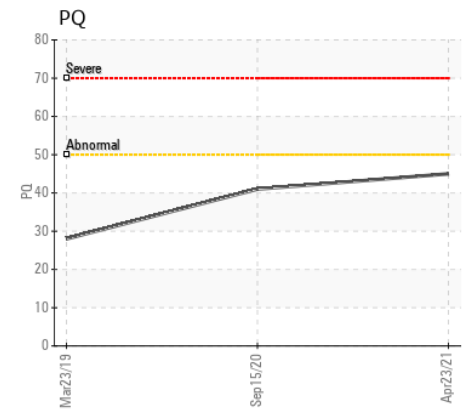
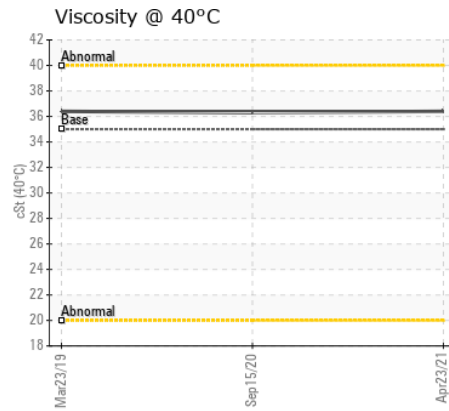
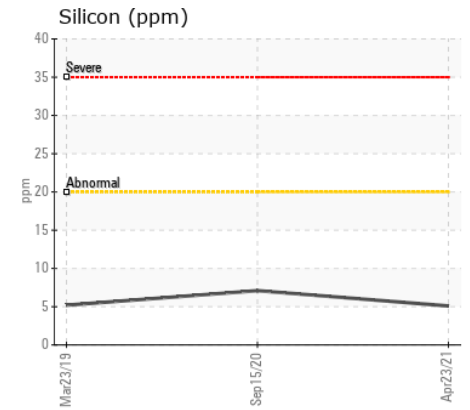
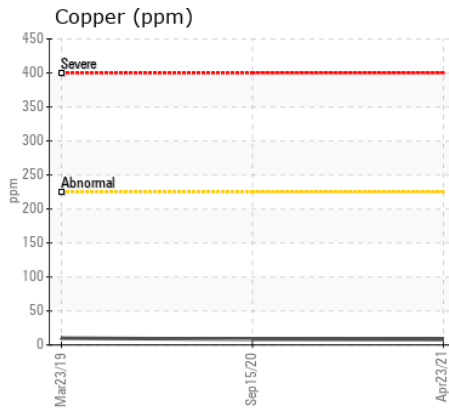
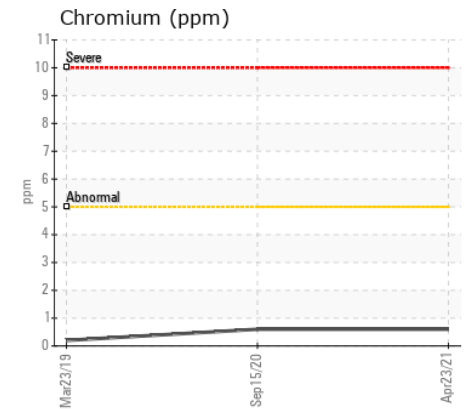
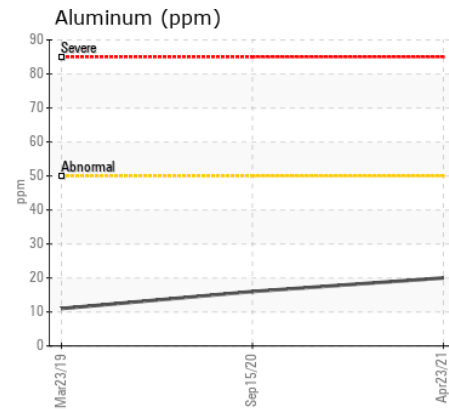
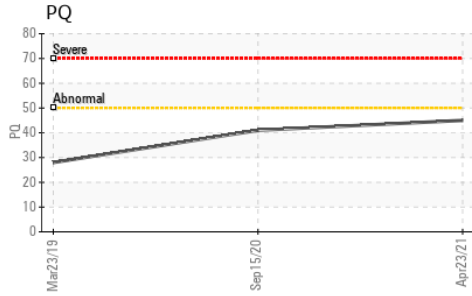
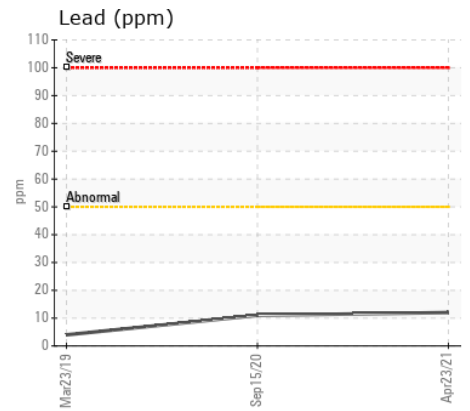
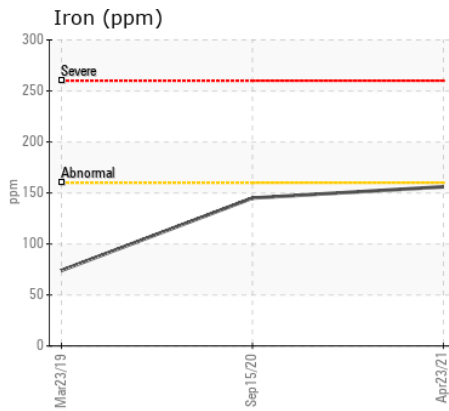
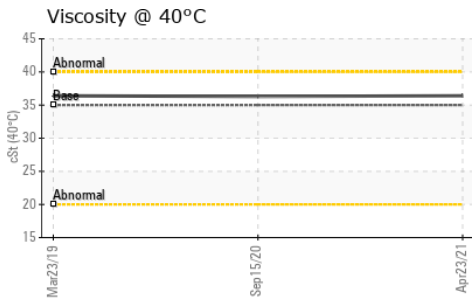
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>20	<b>5</b>	7	5
Potassium	ppm	ASTM D5185m	>20	<b>5</b>	4	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>7</b>	8	3
Boron	ppm	ASTM D5185m		<b>110</b>	119	110
Barium	ppm	ASTM D5185m		<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>4</b>	4	2
Magnesium	ppm	ASTM D5185m		<b>2</b>	0	0
Calcium	ppm	ASTM D5185m		<b>60</b>	43	69
Phosphorus	ppm	ASTM D5185m		<b>299</b>	273	184
Zinc	ppm	ASTM D5185m		<b>6</b>	0	13
Sulfur	ppm	ASTM D5185m		<b>945</b>	702	661
Visc @ 40°C	cSt	ASTM D445	35.0	<b>36.4</b>	36.3	36.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0020549 **Received** : 27 Apr 2021  
**Lab Number** : 05240416 **Tested** : 28 Apr 2021  
**Unique Number** : 9479324 **Diagnosed** : 29 Apr 2021 - Don Baldrige  
**Test Package** : MOBCE ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
 KendalLeanne@lec1.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
 F: (740)373-5570