MOB

LESLIE EQUIPMENT CO.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 5 - Cross Lanes
Machine Id
PETERBILT PB337 2NP2HJ6X3GM368643
Component
Transmission (Auto)
Fluid
ALLISON TES 295 (5 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

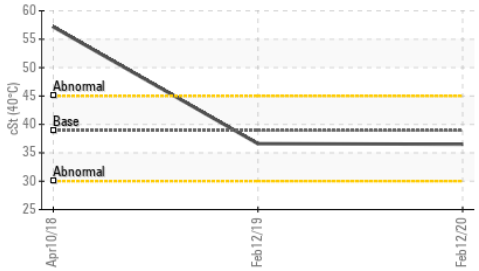
There is no indication of any contamination in the fluid.

FLUID CONDITION

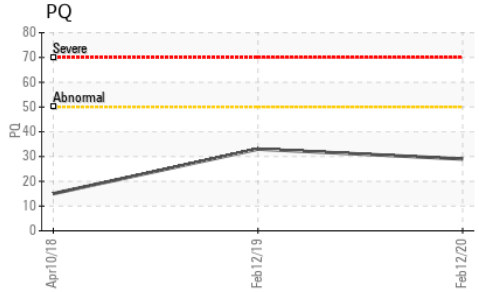
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0009266	LECP194030	LECP178667
Sample Date		Client Info		12 Feb 2020	12 Feb 2019	10 Apr 2018
Machine Age	mls	Client Info		83388	69052	49028
Oil Age	mls	Client Info		14500	69052	49028
Filter Age	mls	Client Info		14500	69052	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
PQ		ASTM D8184	>50	29	33	15
Iron	ppm	ASTM D5185m	>160	53	121	5
Chromium	ppm	ASTM D5185m	>5	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	10	20	<1
Lead	ppm	ASTM D5185m	>50	2	12	<1
Copper	ppm	ASTM D5185m	>225	3	8	0
Tin	ppm	ASTM D5185m	>10	1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	4	7	8
Potassium	ppm	ASTM D5185m	>20	2	6	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	▲ HEAVY
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		5	10	1
Boron	ppm	ASTM D5185m	150	128	96	<1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	<1
Manganese	ppm	ASTM D5185m		1	3	<1
Magnesium	ppm	ASTM D5185m	0	<1	0	100
Calcium	ppm	ASTM D5185m	40	49	30	3452
Phosphorus	ppm	ASTM D5185m	320	296	213	965
Zinc	ppm	ASTM D5185m	5	6	4	1103
Sulfur	ppm	ASTM D5185m	1050	702	229	3099
Visc @ 40°C	cSt	ASTM D445	38.9	36.5	36.6	57.17

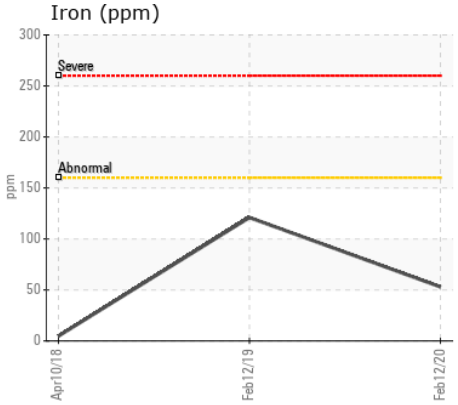
Viscosity @ 40°C



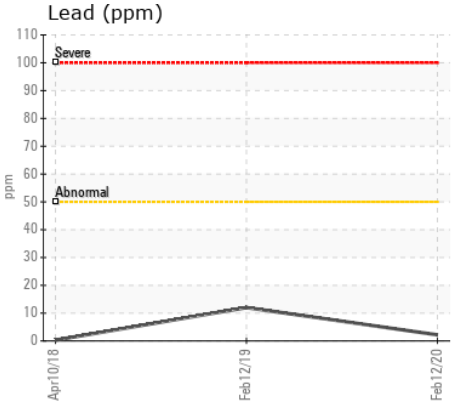
PQ



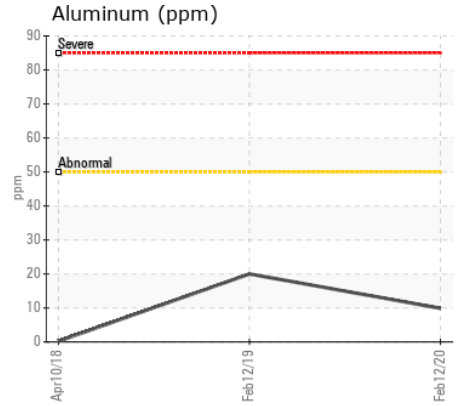
Iron (ppm)



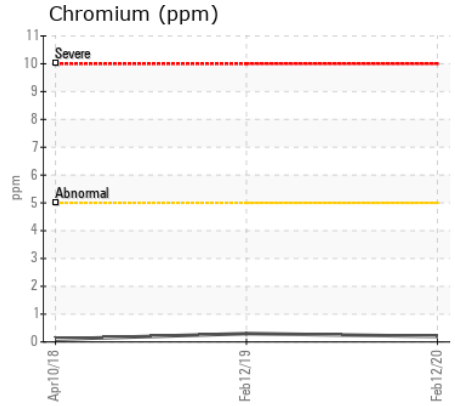
Lead (ppm)



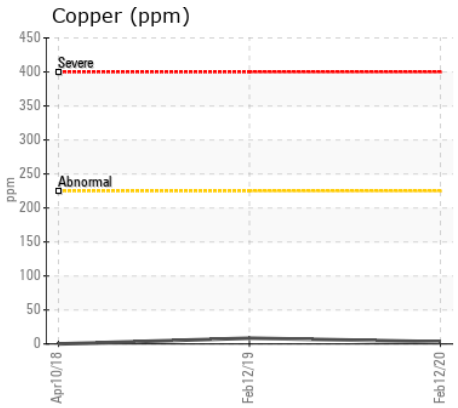
Aluminum (ppm)



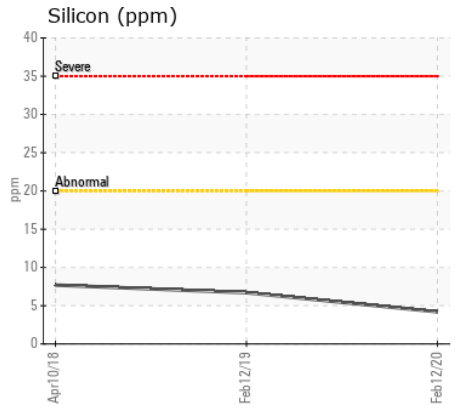
Chromium (ppm)



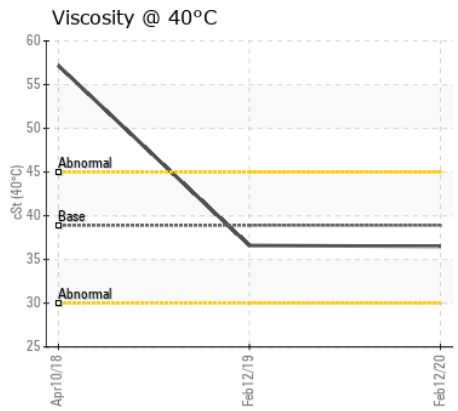
Copper (ppm)



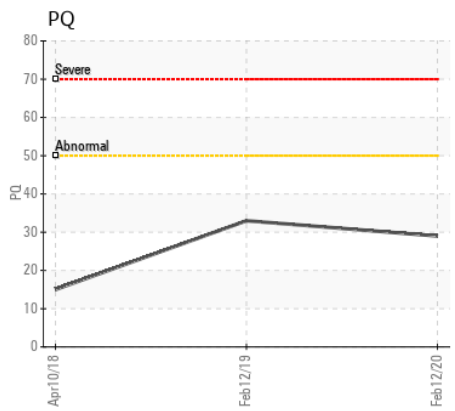
Silicon (ppm)



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0009266
Lab Number : 04913738
Unique Number : 8928817
Test Package : MOBCE (Additional Tests: PQ)

Received : 17 Feb 2020
Tested : 18 Feb 2020
Diagnosed : 18 Feb 2020 - Don Baldridge

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)

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