



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
2H28
Machine Id
PETERBILT PB348 RTK6250 (S/N 2NP3LJ0X4KM622512)
Component
Transmission (Auto)
Fluid
ATF (PAO) (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ARI06100559	ARI06033892	ARI05953099
Sample Date		Client Info		25 Feb 2024	12 Dec 2023	14 Sep 2023
Machine Age	mls	Client Info		0	92110	89765
Oil Age	mls	Client Info		0	0	0
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	110	121	108
Chromium	ppm	ASTM D5185m	>5	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1	1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	16	14	18
Lead	ppm	ASTM D5185m	>50	6	6	6
Copper	ppm	ASTM D5185m	>225	8	9	9
Tin	ppm	ASTM D5185m	>10	2	1	2
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

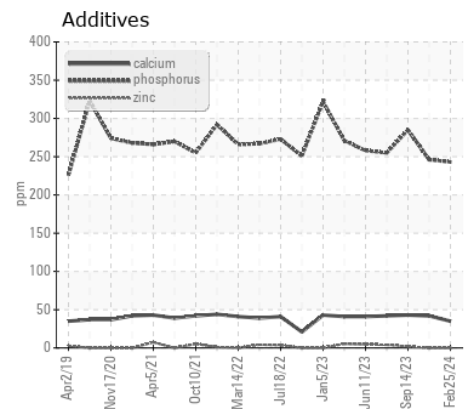
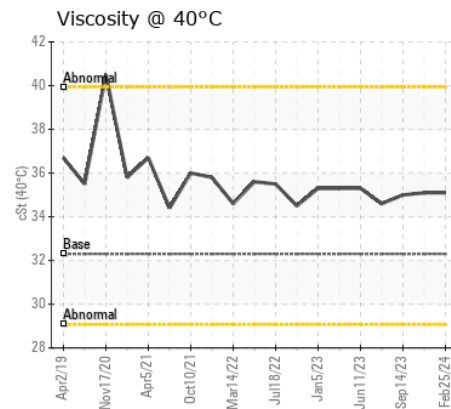
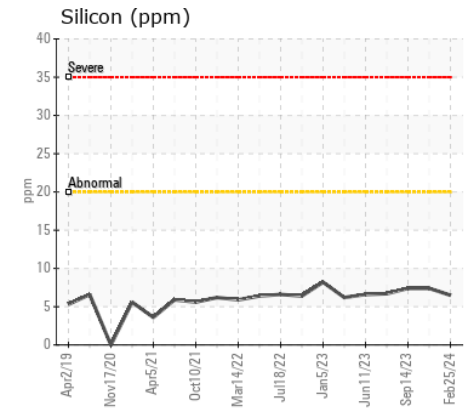
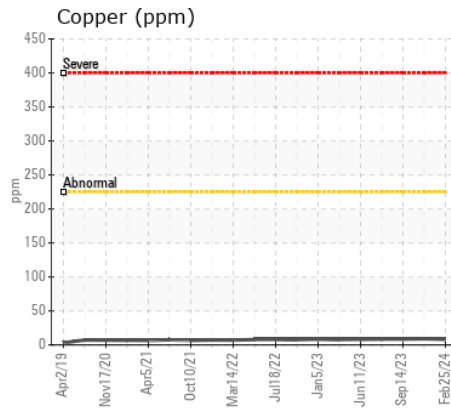
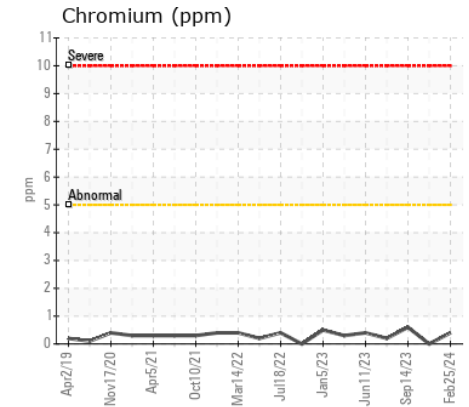
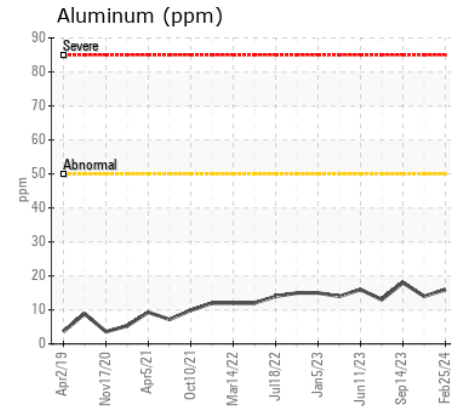
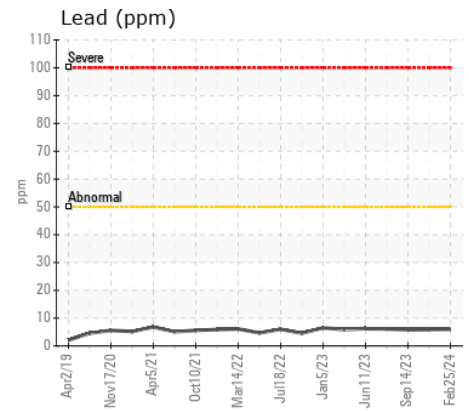
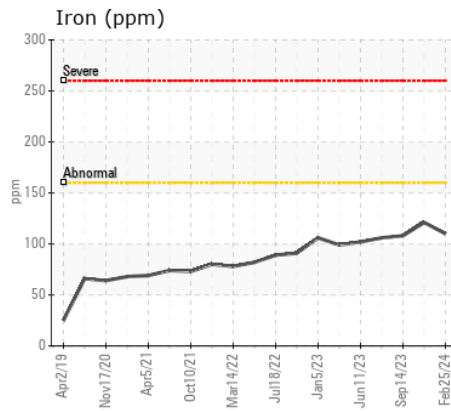
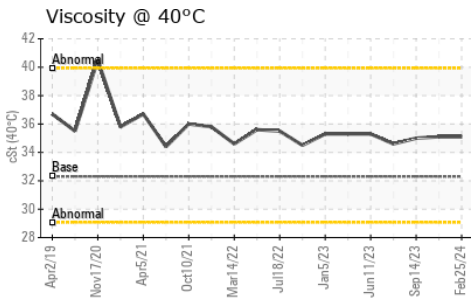
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	6	7	7
Potassium	ppm	ASTM D5185m	>20	3	4	5
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		8	3	8
Boron	ppm	ASTM D5185m	175	121	114	103
Barium	ppm	ASTM D5185m	5	<1	0	0
Molybdenum	ppm	ASTM D5185m	5	<1	<1	<1
Manganese	ppm	ASTM D5185m		3	2	4
Magnesium	ppm	ASTM D5185m	5	0	<1	3
Calcium	ppm	ASTM D5185m	125	35	42	43
Phosphorus	ppm	ASTM D5185m	290	243	246	285
Zinc	ppm	ASTM D5185m	10	0	0	2
Sulfur	ppm	ASTM D5185m	400	449	804	841
Visc @ 40°C	cSt	ASTM D445	32.3	35.1	35.1	35.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ARI06100559
Lab Number : 06100559
Unique Number : 10898789
Test Package : MOB 1

Received : 26 Feb 2024
Tested : 27 Feb 2024
Diagnosed : 27 Feb 2024 - Wes Davis

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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)