



WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

2H28

Machine Id

PETERBILT PB348 RTK6250 (S/N 2NP3LJ0X4KM622512)

Component

Transmission (Auto)

Fluid

DEXRON III (--- 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) DEXRON III. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ARI06221738	ARI06161852	ARI06100559
Sample Date		Client Info		25 Jun 2024	27 Apr 2024	25 Feb 2024
Machine Age	mls	Client Info		102131	97097	0
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	115	114	110
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	1	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	16	15	16
Lead	ppm	ASTM D5185m	>50	5	6	6
Copper	ppm	ASTM D5185m	>225	9	9	8
Tin	ppm	ASTM D5185m	>10	2	2	2
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

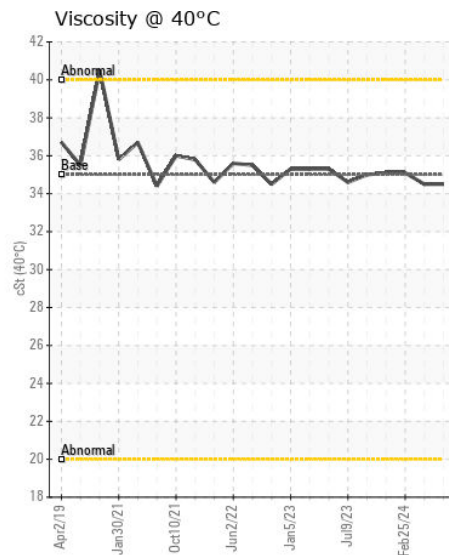
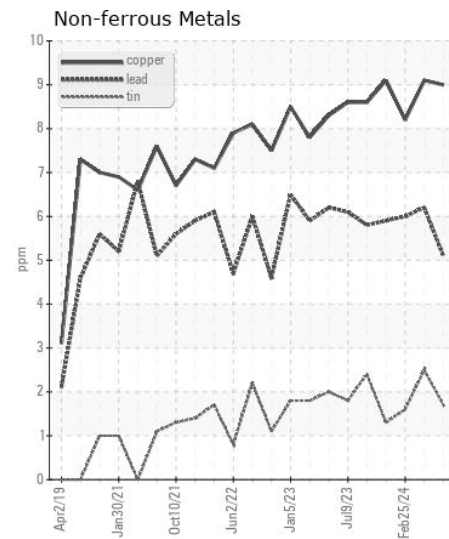
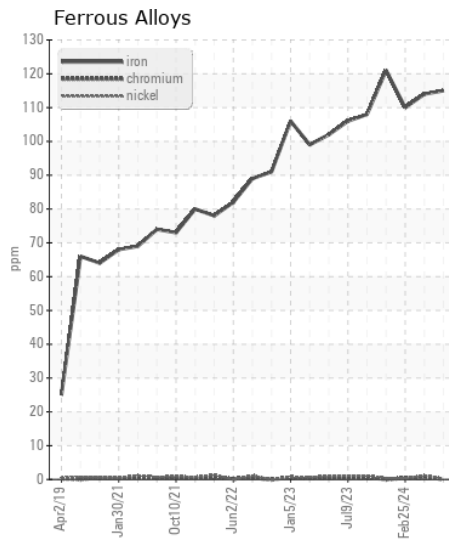
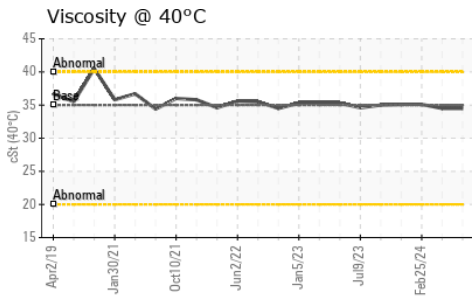
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	8	8	6
Potassium	ppm	ASTM D5185m	>20	4	4	3
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		7	6	8
Boron	ppm	ASTM D5185m		93	110	121
Barium	ppm	ASTM D5185m		<1	2	<1
Molybdenum	ppm	ASTM D5185m		0	1	<1
Manganese	ppm	ASTM D5185m		3	3	3
Magnesium	ppm	ASTM D5185m		0	1	0
Calcium	ppm	ASTM D5185m		39	48	35
Phosphorus	ppm	ASTM D5185m		266	242	243
Zinc	ppm	ASTM D5185m		5	8	0
Sulfur	ppm	ASTM D5185m		851	694	449
Visc @ 40°C	cSt	ASTM D445	35.0	34.5	34.5	35.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ARI06221738
Lab Number : 06221738
Unique Number : 11099935
Test Package : CONST

Received : 26 Jun 2024
Tested : 27 Jun 2024
Diagnosed : 27 Jun 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)