

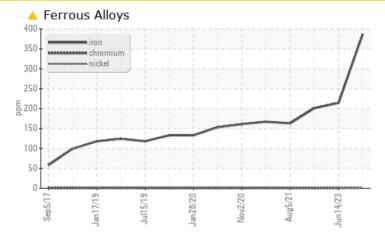
PROBLEM SUMMARY

Area 2H28 Machine Id PETERBILT PB348 RTK9747 (S/N 2NP3LJ0XXHM417298) Component

Transmission (Auto)

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Sample Rating Trend	WEAR
sep2017 Jan2019 Jul2019 Jan2020 Nov2020 Aug2021 Jun2023	

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL		
Iron	ppm	ASTM D5185m	>325	<u> </u>	214	201		

Customer Id: AR5208CHE Sample No.: AR10004573 Lab Number: 05966745 Test Package: MOBCE



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>

RECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description	
Change Fluid			?	Oil and filter change at the time of sampling has been noted.	
Change Filter			?	Oil and filter change at the time of sampling has been noted.	

HISTORICAL DIAGNOSIS



14 Jun 2023 Diag: Don Baldridge

We recommend you service the filters on this component. Resample at the next service interval to monitor.Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

13 Mar 2023 Diag: Don Baldridge



We recommend you service the filters on this component. Resample at the next service interval to monitor.Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

05 Aug 2021 Diag: Don Baldridge

NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



view report







OIL ANALYSIS REPORT

Area 2H28 Machine Id PETERBILT PB348 RTK9747 (S/N 2NP3LJ0XXHM417298)

Component Transmission (Auto)

Fluid DIESEL ENGINE OIL SAE 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

🔺 Wear

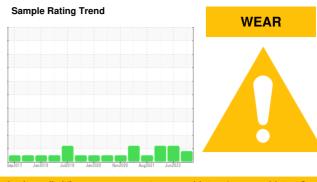
The iron level is abnormal. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

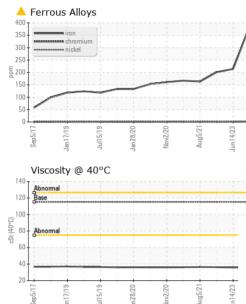


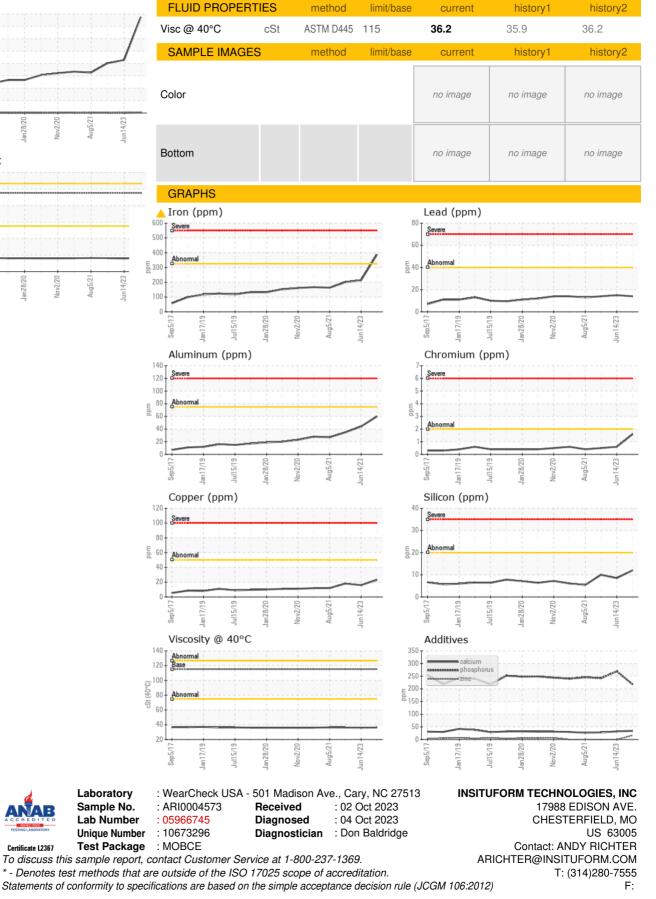
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ARI0004573	ARI0004530	ARI0004587
Sample Date		Client Info		27 Sep 2023	14 Jun 2023	13 Mar 2023
Machine Age	mls	Client Info		151039	145489	140262
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>325	A 387	214	201
Chromium	ppm	ASTM D5185m	>2	2	<1	<1
Nickel	ppm	ASTM D5185m	>2	2	<1	2
Titanium	ppm	ASTM D5185m	>3	<1	0	<1
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>75	60	44	35
Lead	ppm	ASTM D5185m	>40	14	15	14
Copper	ppm	ASTM D5185m		23	16	18
Tin	ppm		>10	4	3	3
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	1-1-	method	limit/base		history1	history2
Boron	ppm	ASTM D5185m	250	41	80	82
Barium	ppm	ASTM D5185m	10	0	0	0
Molybdenum	ppm	ASTM D5185m	100	0	<1	1
Manganese	ppm	ASTM D5185m	100	6	4	4
Magnesium	ppm	ASTM D5185m	450	6	<1	1
Calcium		ASTM D5185m		34	32	28
	ppm	ASTM D5185m	1150	218	269	242
Phosphorus Zinc	ppm	ASTM D5185m	1350	16	0	0
Sulfur	ppm ppm	ASTM D5185m	4250	243	421	44
CONTAMINANTS		method	limit/base		history1	history2
Silicon	ppm	ASTM D5185m	>20	12	8	10
Sodium	ppm	ASTM D5185m		12	10	10
Potassium	ppm	ASTM D5185m	>20	4	5	5
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	A MODER	A MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
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
Free Water	scalar	*Visual		NEG	NEG	NEG



an1

OIL ANALYSIS REPORT





Certificate L2367

Contact/Location: ANDY RICHTER - AR5208CHE