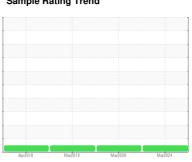


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



PETERBILT TK5723

Component

Diesel Engine

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

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Customer requests id change to reflect TK5723)

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

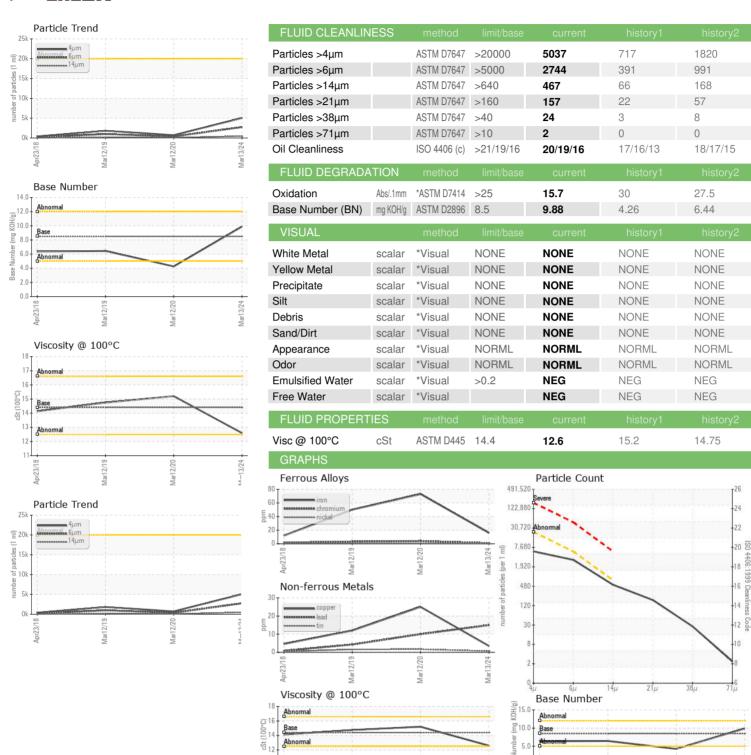
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

		Apr201	8 Mar2019	Mar2020 N	1ar2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0857787	WC0438586	WC0321777
Sample Date		Client Info		13 Mar 2024	12 Mar 2020	12 Mar 2019
Machine Age	mls	Client Info		0	288764	269643
Oil Age	mls	Client Info		0	29121	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	V	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>165	16	73	50
Chromium	ppm	ASTM D5185m	>5	<1	4	3
Nickel	ppm	ASTM D5185m	>4	<1	<1	<1
Titanium	ppm	ASTM D5185m	>2	<1	<1	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>20	2	5	2
Lead	ppm	ASTM D5185m	>150	15	10	4
Copper	ppm	ASTM D5185m	>90	4	25	12
Tin	ppm	ASTM D5185m	>5	<1	2	2
Antimony	ppm	ASTM D5185m			0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	2	41	30
Barium	ppm	ASTM D5185m	10	0	0	0
Molybdenum	ppm	ASTM D5185m	100	63	8	9
Manganese	ppm	ASTM D5185m		<1	2	2
Magnesium	ppm	ASTM D5185m	450	945	115	149
Calcium	ppm	ASTM D5185m	3000	1213	2563	2276
Phosphorus	ppm	ASTM D5185m	1150	1075	1061	924
Zinc	ppm	ASTM D5185m	1350	1260	1356	1176
Sulfur	ppm	ASTM D5185m	4250	3784	3438	3532
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	29	7	5
Sodium	ppm	ASTM D5185m	>158	1	8	6
Potassium	ppm	ASTM D5185m	>20	3	11	5
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>7.5	0.1	0.5	0.6
Nitration	Abs/cm	*ASTM D7624	>20	7.8	11.6	11.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.1	30.9	30.7



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number

: 06134201 Unique Number: 10953666

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: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0857787 Received **Tested**

Mar12/19

Diagnosed

Mar12/20

: 29 Mar 2024 : 03 Apr 2024 : 03 Apr 2024 - Sean Felton

Base 0.0

Mar13/24

Mar12/19

MCMAHAN WELDING SERVICE LTD 269 US HWY 183 SOUTH

CUERO, TX US 77954 Contact: BILL FOJTIK

Test Package : MOB 2 (Additional Tests: PrtCount) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

info@mcmahanservices.com T: (361)275-0111

Submitted By: Chip Stelpflug

* - 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)

F: (361)275-0110