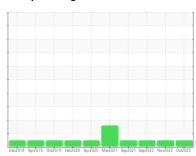


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



PETERBILT 1228

Component

Diesel Engine

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

DIAGNOSIS

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 oil.

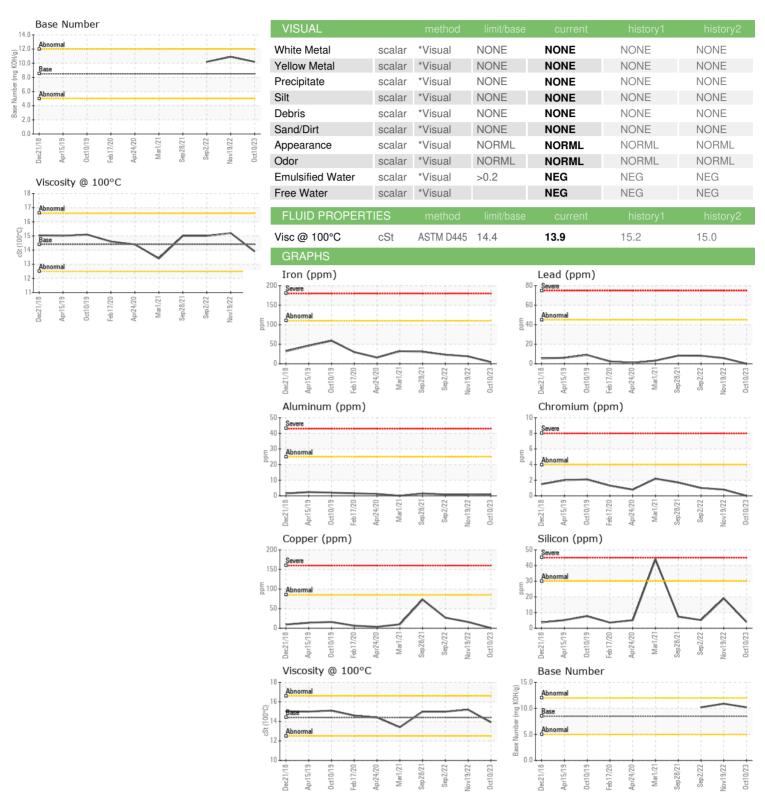
Fluid Condition

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

Dec2018 Apr2019 Dec2019 Feb2020 Apr2020 Mar2021 Sep2022 New2022 Dec2023						
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number Sample Date		Client Info		WC06027470 10 Oct 2023	WC0694217 19 Nov 2022	WC0603398 02 Sep 2022
Machine Age	mls	Client Info		0	0	550780
Oil Age	mls	Client Info		0	450	450
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method		<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	>110	4	19	23
Chromium	ppm	ASTM D5185m	>4	0	<1	1
Nickel	ppm	ASTM D5185m	>2	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	<1	<1
Lead	ppm	ASTM D5185m	>45	0	6	8
Copper	ppm	ASTM D5185m	>85	<1	16	27
Tin	ppm	ASTM D5185m	>4	0	<1	<1
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	1	14	9
Barium	ppm	ASTM D5185m	10	0	0	<1
Molybdenum	ppm	ASTM D5185m	100	56	66	64
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	450	944	1012	941
Calcium	ppm	ASTM D5185m	3000	1092	1226	1260
Phosphorus	ppm	ASTM D5185m	1150	1037	1100	1019
Zinc	ppm	ASTM D5185m	1350	1244	1303	1276
Sulfur	ppm	ASTM D5185m	4250	3071	3658	3087
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	4	19	5
Sodium	ppm	ASTM D5185m	>158	3	2	0
Potassium	ppm	ASTM D5185m	>20	0	0	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3	0.4	1.3
Nitration	Abs/cm	*ASTM D7624	>20	5.9	6.6	12.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.0	20.1	26.6
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.4	14.7	22.3
Base Number (BN)	mg KOH/g	ASTM D2896		10.2	10.9	10.2
	939	====				



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

Unique Number

: WC06027470 : 06027470 : 10777261

Test Package : MOB 1 (Additional Tests: TBN)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 07 Dec 2023 : 08 Dec 2023 Diagnosed

: Wes Davis Diagnostician

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.

INTERSTATE WASTE-CHESTER

89 BLACK MEADOW RD CHESTER, NY US 10918

Contact: ROB CLARKE rclarke@interstatewaste.com

T:

Contact/Location: ROB CLARKE - INTCHE

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: INTCHE [WUSCAR] 06027470 (Generated: 12/08/2023 13:07:50) Rev: 1

F: (845)572-3301