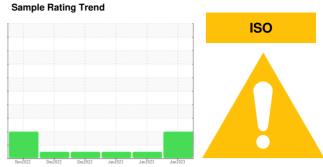


# **OIL ANALYSIS REPORT**

Machine Id
FP12E
Component
Diesel Engine
Fluid
{not provided} (--- GAL)



## DIAGNOSIS

#### Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

## Contamination

There is a high amount of particulates present in the oil.

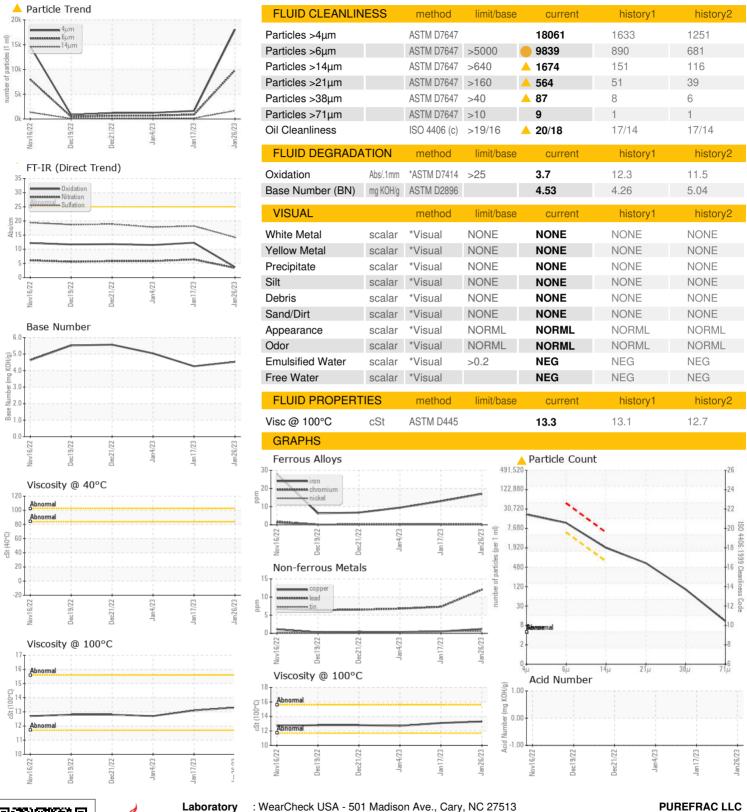
#### **Fluid Condition**

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

		Nov2022	Dec2022 Dec2022	Jan2023 Jan2023	Jan2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0009712	KL0009703	KL0009580
Sample Date		Client Info		26 Jan 2023	17 Jan 2023	04 Jan 2023
Machine Age	hrs	Client Info		21126	20962	20696
Oil Age	hrs	Client Info		0	837	571
Oil Changed	1110	Client Info		N/A	Not Changd	Not Changd
Sample Status		Oliciti IIIIo		ABNORMAL	NORMAL	NORMAL
CONTAMINATION		method	limit/base	current		
	N				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	>100	17	13	9
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>4	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	<1	<1	2
Lead	ppm	ASTM D5185m	>40	12	7	7
Copper	ppm	ASTM D5185m	>330	1	<1	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		161	171	221
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		50	48	59
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		224	217	257
Calcium	ppm	ASTM D5185m		1264	1152	1291
Phosphorus	ppm	ASTM D5185m		608	612	709
Zinc	ppm	ASTM D5185m		809	791	917
Sulfur	ppm	ASTM D5185m		2686	2525	2743
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	3	3	4
Sodium	ppm	ASTM D5185m	00	2	2	1
Potassium	ppm	ASTM D5185m		<1	2	0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0	0.5	0.3
Nitration	Abs/cm	*ASTM D7624	>20	3.4	6.4	5.8
Sulfation	Abs/.1mm	*ASTM D7415	>30	14.2	18.2	17.8



## OIL ANALYSIS REPORT







Laboratory Sample No.

: KL0009712 Lab Number : 05755796 Unique Number : 10320403

Received :01 Feb 2023 **Tested** 

:01 Feb 2023 : 01 Feb 2023 - Doug Bogart Diagnosed Test Package : MOB 2 ( Additional Tests: KV40, PrtCount )

Certificate 12367 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)

Report Id: PURMID [WUSCAR] 05755796 (Generated: 05/01/2024 13:41:05) Rev: 1

Contact/Location: Service Manager - PURMID

13216 TX-191

MIDLAND, TX

Contact: Service Manager

US 79707

T:

F: