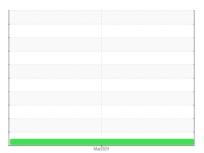


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

\$\$5-36
Component
Diesel Engine

DIESEL ENGINE OIL SAE 40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

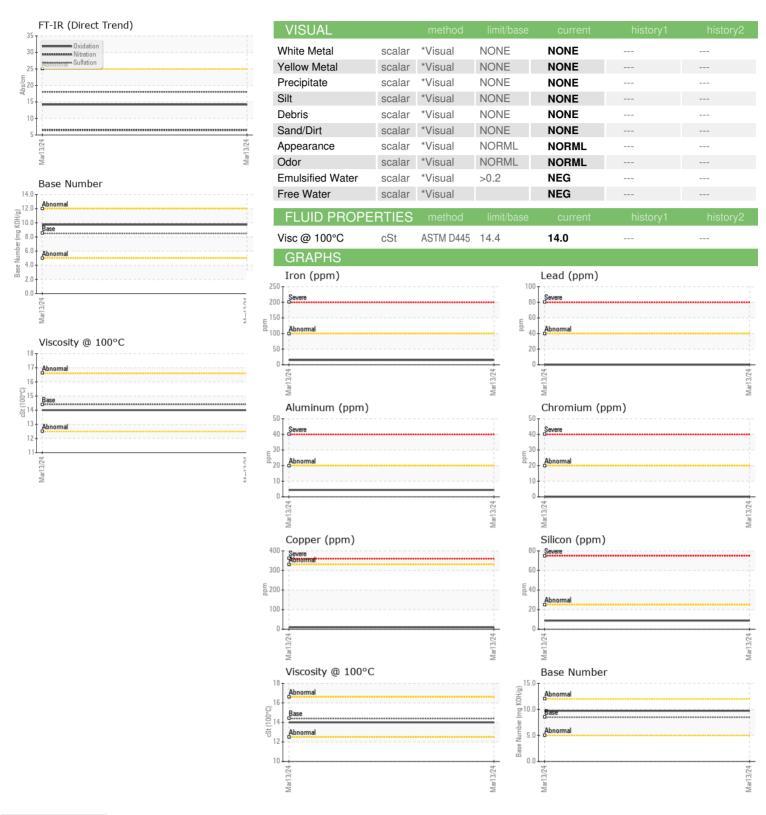
Fluid Condition

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

				Mar2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA06138739		
Sample Date		Client Info		13 Mar 2024		
Machine Age	hrs	Client Info		5493		
Oil Age	hrs	Client Info		0		
Oil Changed	1110	Client Info		N/A		
Sample Status		Chorte triio		NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method	70.2	NEG		
	_					
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	15		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	4		
Lead	ppm	ASTM D5185m	>40	0		
Copper Tin	ppm	ASTM D5185m ASTM D5185m	>330 >15	10 0		
Vanadium	ppm	ASTM D5185m	>10	ں <1		
Cadmium		ASTM D5185m		0		
	ppm					
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	3		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	58		
Manganese	ppm	ASTM D5185m	450	<1		
Magnesium	ppm	ASTM D5185m	450	942		
Calcium	ppm	ASTM D5185m	3000	1135		
Phosphorus Zinc	ppm	ASTM D5185m ASTM D5185m	1150 1350	957 1259		
Sulfur	ppm	ASTM D5185m		3514		
CONTAMINAN	ppm	method	limit/base		hiotory	history2
				current	history1	nistory2
Silicon Sodium	ppm	ASTM D5185m ASTM D5185m	>25 >216	9		
Potassium	ppm	ASTM D5185m	>210	<1		
	PPIII					la la la comp
INFRA-RED	0/	method	limit/base	current	history1	history2
Soot %	% A b a /a rea	*ASTM D7844	>3	0.3		
Nitration	Abs/cm	*ASTM D7624		6.5		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.0		
FLUID DEGRA	DATION		limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.2		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	9.73		



OIL ANALYSIS REPORT





Laboratory Sample No.

Lab Number : 06138739

: PCA06138739 Unique Number : 10963547

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 04 Apr 2024

: 05 Apr 2024 Tested

Diagnosed : 05 Apr 2024 - Wes Davis

3000 W 139TH ST BLUE ISLAND, IL US 60406 Contact: SERGIO FERNANDEZ

SCRAP METAL SERVICES NON-FERROUS DIVISION

Test Package : MOB 2 Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. sfernandez@scrapmetalservices.com * - 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: SCRBLUIL [WUSCAR] 06138739 (Generated: 04/05/2024 11:50:11) Rev: 1

Contact/Location: SERGIO FERNANDEZ - SCRBLUIL

T:

F: