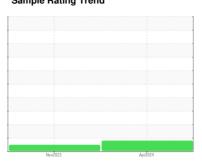


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id 415

Component
Diesel Engine

PRIMROSE 790 Syn-O-Gen 8 (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

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

Contamination

There is no indication of any contamination in the

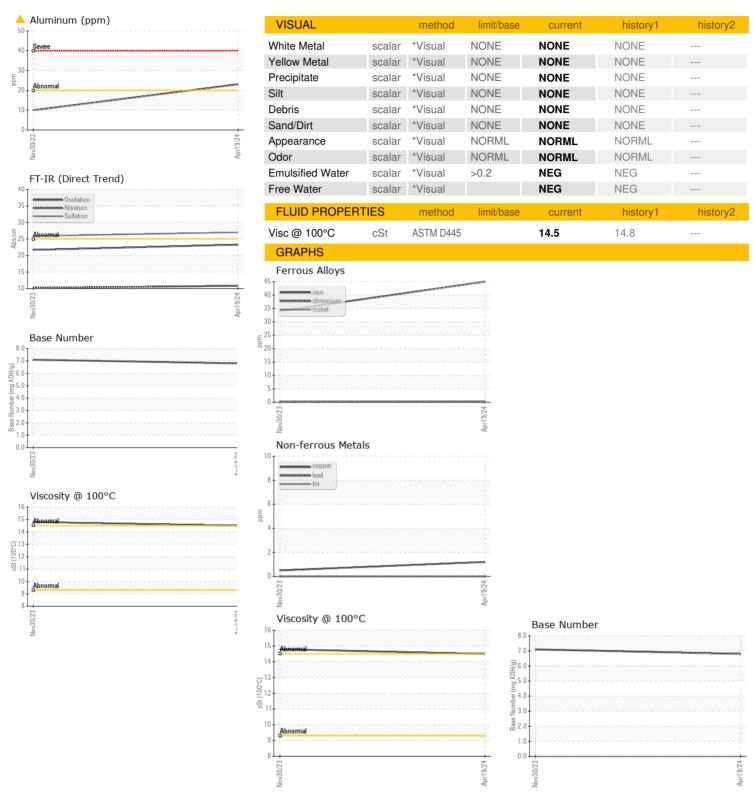
Fluid Condition

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

			Nov2023	Apr2024		
SAMPLE INFORM	MATION	method	limit/base	ourront	history1	history2
	IATION		IIIIII/base	current		riistoryz
Sample Number		Client Info		WC0925558	WC0584582	
Sample Date		Client Info		19 Apr 2024	30 Nov 2023	
Machine Age	mls	Client Info		190757	178480	
Oil Age	mls	Client Info		12000	12000	
Oil Changed		Client Info		Changed	Changed	
Sample Status				ABNORMAL	NORMAL	
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	45	34	
Chromium	ppm	ASTM D5185m	>20	<1	<1	
Nickel	ppm	ASTM D5185m	>4	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	>3	0	0	
Aluminum	ppm	ASTM D5185m	>20	^ 23	10	
Lead	ppm	ASTM D5185m	>40	0	0	
Copper	ppm	ASTM D5185m	>330	1	<1	
Tin	ppm	ASTM D5185m	>15	0	0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		317	313	
Barium	ppm	ASTM D5185m		0	2	
Molybdenum	ppm	ASTM D5185m		94	92	
Manganese	ppm	ASTM D5185m		<1	0	
Magnesium	ppm	ASTM D5185m		479	428	
Calcium	ppm	ASTM D5185m		1577	1438	
Phosphorus	ppm	ASTM D5185m		1132	991	
Zinc	ppm	ASTM D5185m		1382	1283	
Sulfur	ppm	ASTM D5185m		3739	3607	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	21	20	
Sodium	ppm	ASTM D5185m		1	<1	
Potassium	ppm	ASTM D5185m	>20	2	6	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.9	0.8	
Nitration	Abs/cm	*ASTM D7624		10.8	10.2	
Sulfation	Abs/.1mm	*ASTM D7415	>30	27.0	25.9	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
		*ASTM D7414		23.3	21.7	
Oxidation	Abs/.1mm		>25			
Base Number (BN)	mg KOH/g	ASTM D2896		6.8	7.1	



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06158802 Unique Number : 10994225

: WC0925558 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Apr 2024

: 25 Apr 2024 **Tested** Diagnosed

: 25 Apr 2024 - Sean Felton

1324 E CUMBERLAND AVE MIDDLESBORO, KY US 40965

MIDDLESBORO COCA-COLA BOTTLING - MCCB

Contact: TIM GOINS tgoins@mccbw.com T: (606)248-0362

F: (606)248-1382

To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)