

OIL ANALYSIS REPORT









834024 Component **Natural Gas Engine**

DIESEL ENGINE OIL S

DIAGNOSIS

Recommendation

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

Wear

Cylinder, crank, or cam shaft wear is indicated. All other metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

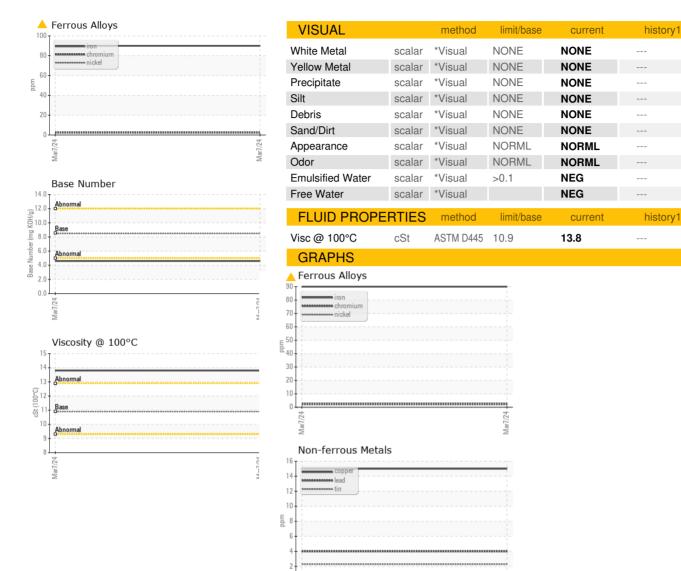
Fluid Condition

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

L)			Mar 2024		
ATION	method	limit/base	current	history1	history2
	Client Info		GFL0103427		
	Client Info		07 Mar 2024		
hrs	Client Info		1184		
hrs	Client Info		1184		
	Client Info		Changed		
			ABNORMAL		
N	method	limit/base	current	history1	history2
	WC Method	>0.1	NEG		
	method	limit/base	current	history1	history2
ppm	ASTM D5185m	>50	<u> </u>		
ppm	ASTM D5185m	>5	2		
ppm	ASTM D5185m	>4	3		
ppm	ASTM D5185m	>5	<1		
ppm	ASTM D5185m	>3	<1		
ppm	ASTM D5185m	>25	8		
ppm	ASTM D5185m	>40	4		
ppm	ASTM D5185m	>150	15		
ppm	ASTM D5185m	>4	2		
ppm	ASTM D5185m		<1		
ppm	ASTM D5185m		<1		
	method	limit/base	current	history1	history2
ppm	ASTM D5185m	250	6		
ppm	ASTM D5185m	10	^		
			U		
ppm	ASTM D5185m	100	72		
ppm ppm	ASTM D5185m ASTM D5185m	100	-		
		100	72		
ppm	ASTM D5185m		72 14		
ppm ppm	ASTM D5185m ASTM D5185m	450	72 14 989		
ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	450 3000	72 14 989 1353		
ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	450 3000 1150	72 14 989 1353 1023		
opm opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	450 3000 1150 1350	72 14 989 1353 1023 1153		
opm opm opm opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	450 3000 1150 1350 4250	72 14 989 1353 1023 1153 2950		
opm opm opm opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	450 3000 1150 1350 4250 limit/base	72 14 989 1353 1023 1153 2950	 history1	 history2
pppm pppm pppm pppm pppm pppm pppm ppp	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	450 3000 1150 1350 4250 Iimit/base >25 >25	72 14 989 1353 1023 1153 2950 current	 history1	 history2
pppm pppm pppm pppm pppm pppm pppm ppp	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	450 3000 1150 1350 4250 Iimit/base >25 >25	72 14 989 1353 1023 1153 2950 current 25 6	 history1	 history2
pppm pppm pppm pppm pppm pppm pppm ppp	ASTM D5185m	450 3000 1150 1350 4250 Iimit/base >25 >25 >20	72 14 989 1353 1023 1153 2950 current 25 6 10	 history1	 history2
ppm	ASTM D5185m	450 3000 1150 1350 4250 imit/base >25 >25 >20 imit/base	72 14 989 1353 1023 1153 2950 current 25 6 10 current	 history1	 history2
pppm pppm pppm pppm pppm pppm pppm ppp	ASTM D5185m Method ASTM D5185m	450 3000 1150 1350 4250 Iimit/base >25 >25 >20 Iimit/base	72 14 989 1353 1023 1153 2950 current 25 6 10 current	history1 history1	history2 history2
ppm	ASTM D5185m	450 3000 1150 1350 4250 Iimit/base >25 >25 >20 Iimit/base	72 14 989 1353 1023 1153 2950 current 25 6 10 current 0 12.7	history1 history1	history2 history2
ppm	ASTM D5185m ASTM D7844 *ASTM D7844 *ASTM D7624	450 3000 1150 1350 4250 limit/base >25 >25 >20 limit/base	72 14 989 1353 1023 1153 2950	history1 history1	history2 history2
	opm opm opm opm opm opm opm opm opm	Client Info ON Method WC Method method Opm ASTM D5185m	Client Info MRETHOD Imit/base WC Method >0.1 MRETHOD Imit/base Depty ASTM D5185m >5 Depty ASTM D5185m >5 Depty ASTM D5185m >3 Depty ASTM D5185m >25 Depty ASTM D5185m >4 Depty ASTM D5185m >40 Depty ASTM D5185m >40 Depty ASTM D5185m >4 Depty ASTM D5185m >4 Depty ASTM D5185m >4 Depty ASTM D5185m Depty ASTM	Client Info	Client Info



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Certificate L2367

Laboratory Sample No.

: GFL0103427 Lab Number : 06114056 **Unique Number** : 10922889 Test Package : FLEET

cSt (10

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 11 Mar 2024 **Tested**

: 12 Mar 2024 : 12 Mar 2024 - Don Baldridge Diagnosed

GFL Environmental - 095 - Atlanta West

Base Number

12.0 (mg KOH/g) 0.8

6.0 Base 2.0 0.0

> 2699 Cochran Industrial Blvd Douglasville, GA US 30127-1332

Contact: Darrell Welch darrell.welch@gflenv.com T: (800)207-6618

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.

Viscosity @ 100°C

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



history2