

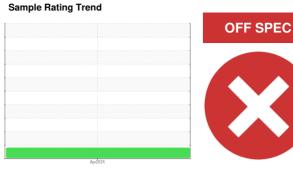




Area [396944] **VOLVO L220E 3388**

Component **Diesel Fuel**

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)



DIAGNOSIS

Recommendation

We recommend that you drain the fuel from the component if this has not already been done.

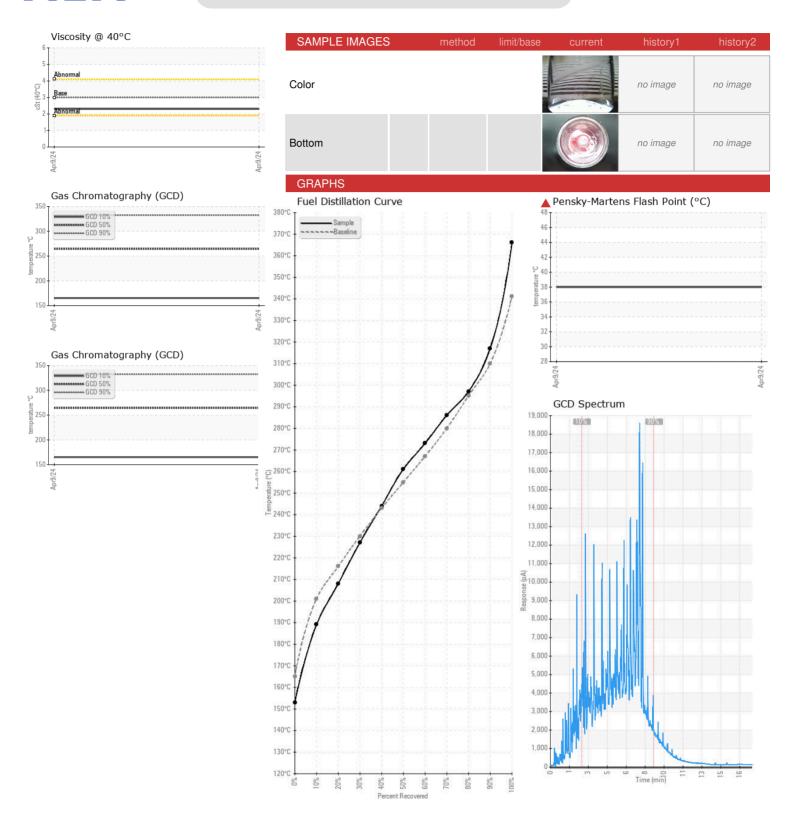
▲ Fuel Condition

Pensky-Martens Flash Point is severely low. Laboratory tests indicate that this sample does NOT meet specifications for No.2 diesel fuel, low sulfur (CGSB-3.517-3 type A). The fuel is no longer serviceable due to the presence of contaminants.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		VCP113406		
Sample Date		Client Info		09 Apr 2024		
Machine Age	hrs	Client Info		17039		
Sample Status				SEVERE		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.3		
Pensky-Martens Flash Point	°C	ASTM D7215*	52	▲ 38		
SULFUR CONTEN	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	10	11		
	PP				historyt	history?
DISTILLATION	_	method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	153		
5% Distillation Point	°C	ASTM D2887*	004	177		
10% Distill Point	°C	ASTM D2887*	201	189		
15% Distillation Point	°C	ASTM D2887*	0.10	199		
20% Distill Point	°C	ASTM D2887*	216	208		
30% Distill Point	°C	ASTM D2887*	230	227		
40% Distill Point	°C	ASTM D2887*	243	244		
50% Distill Point	°C	ASTM D2887*	255	261		
60% Distill Point	°C	ASTM D2887*	267	273		
70% Distill Point	°C	ASTM D2887*	280	286		
80% Distill Point	°C	ASTM D2887*	295	297		
85% Distillation Point	°C	ASTM D2887*		307		
90% Distill Point	°C	ASTM D2887*	310	317		
95% Distillation Point	°C	ASTM D2887*		337		
Final Boiling Point	°C	ASTM D2887*	341	366		
IGNITION QUALIT	Υ	method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	41		
Cetane Index		ASTM D4737*	<40.0	56		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	0		
Sodium	ppm	ASTM D5185(m)	<0.1	<1		
Potassium	ppm	ASTM D5185(m)	< 0.1	0		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)	<0.1	0		
Nickel	ppm	ASTM D5185(m)	< 0.1	0		
	ppm	ASTM D5185(m)	<0.1	0		
Lead	ppiii					
	ppm	ASTM D5185(m)	< 0.1	0		
Lead		ASTM D5185(m) ASTM D5185(m)	<0.1	0		
Lead Vanadium	ppm	()				
Lead Vanadium Iron	ppm ppm	ASTM D5185(m)	<0.1	0		
Lead Vanadium Iron Calcium	ppm ppm	ASTM D5185(m) ASTM D5185(m)	<0.1 <0.1	0 <1		



FUEL REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory

Sample No. : VCP113406 Lab Number : 02629058 Unique Number : 5762190

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 15 Apr 2024 **Tested** : 19 Apr 2024

Diagnosed : 19 Apr 2024 - Kevin Marson Test Package: TEST (Additional Tests: API, CC Flash, Cetane, Fuel, GCD, ICP, KV40, Spat, Spe@arataipt:) Stephan Constant

STRONGCO INC 1730 RUE DE L'HYDRO VAL D'OR, QC CA J9P 6Z2

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To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

F: (819)825-1360

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