

FUEL REPORT

Sample Rating Trend





Machine Id VOLVO EC200E 8118 (S/N 314174) Component Diesel Fuel Fluid

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

SAMPLE INFORMATION method limit/base

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Sample Number		Client Info		ML0000993		
Sample Date		Client Info		28 Mar 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	PERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	2.29		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	2		
Sodium	ppm	ASTM D5185m	<0.1	0		
Potassium	ppm	ASTM D5185m	<0.1	<1		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	<500	28		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	2		
Nickel	ppm	ASTM D5185m	<0.1	0		
Lead	ppm	ASTM D5185m	<0.1	0		
Vanadium	ppm	ASTM D5185m	<0.1	0		
Iron	ppm	ASTM D5185m	<0.1	0		
Calcium	ppm	ASTM D5185m	<0.1	3		
Magnesium	ppm	ASTM D5185m	<0.1	<1		
Phosphorus	ppm	ASTM D5185m	<0.1	0		
Zinc	ppm	ASTM D5185m	<0.1	0		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. No corrective action is recommended at this time.

Corrosion

All metal levels are normal indicating no corrosion in the system.

Contaminants

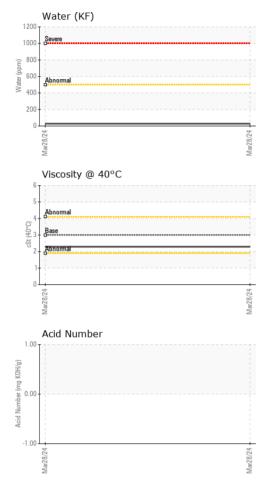
The water content is negligible. There is no indication of any contamination in the fuel.

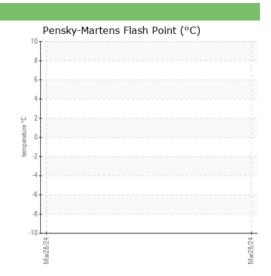
Fuel Condition

The condition of the fuel is acceptable for the time in service.



FUEL REPORT





MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : ML0000993 Received : 29 Mar 2024 8450 QUARRY ROAD Lab Number : 06133758 Tested : 05 Apr 2024 MANASSAS, VA : 05 Apr 2024 - Jonathan Hester Unique Number : 10953223 Diagnosed US 20110 Test Package : CONST (Additional Tests: KF, SCREEN) Contact: JR BOGGS Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. JRBOGGS@MCCLUNG-LOGAN.COM * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (703)393-7844

Contact/Location: JR BOGGS - VOLVO0002 Page 2 of 2