

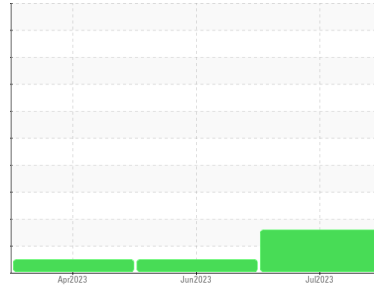


FUEL REPORT

Sample Rating Trend

SEDIMENT

Machine Id
MELBOURNE S1
Component
Diesel Fuel
Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample.

Corrosion

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

▲ Contaminants

Appearance is hazy. There is a moderate amount of visible silt present in the sample.

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC05905079	WC05869035	WC05814271
Sample Date	Client Info	19 Jul 2023	05 Jun 2023	04 Apr 2023
Machine Age	mls	0	0	0
Sample Status		ABNORMAL	NORMAL	NORMAL

SULFUR CONTENT

method	limit/base	current	history1	history2	
Sulfur	ppm	ASTM D5185m	7	---	109
Sulfur (UVF)	ppm	ASTM D5453	21	36	98

CONTAMINANTS

method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	<1.0	0	---	0
Sodium	ppm	ASTM D5185m	<0.1	1	---	<1
Potassium	ppm	ASTM D5185m	<0.1	0	---	0
% Gasoline	%	*In-House	<0.50	0.0	0.0	0.0
% Biodiesel	%	*In-House	<20.0	2.9	0.0	1.7

HEAVY METALS

method	limit/base	current	history1	history2		
Aluminum	ppm	ASTM D5185m	<0.1	<1	---	0
Nickel	ppm	ASTM D5185m	<0.1	0	---	0
Lead	ppm	ASTM D5185m	<0.1	0	---	0
Vanadium	ppm	ASTM D5185m	<0.1	<1	---	0
Iron	ppm	ASTM D5185m	<0.1	6	---	5
Calcium	ppm	ASTM D5185m	<0.1	0	---	0
Magnesium	ppm	ASTM D5185m	<0.1	1	---	2
Phosphorus	ppm	ASTM D5185m	<0.1	0	---	0
Zinc	ppm	ASTM D5185m	<0.1	0	---	0

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				
Bottom				



FUEL REPORT

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC05905079 **Received** : 21 Jul 2023
Lab Number : 05905079 **Diagnosed** : 26 Jul 2023
Unique Number : 10566435 **Diagnostician** : Doug Bogart
Test Package : DF-5 (Additional Tests: Screen)

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.

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

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