



FUEL REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
FUEL CONDITION	NORMAL

Area
[PMIAS3267102]
 Machine Id
GENERAC DS00350D6SPA1574 369618-1-1-0114

Component
Diesel Fuel
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

All laboratory tests indicate that this sample meets specifications for No.2 low-sulfur diesel fuel.

CORROSION

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

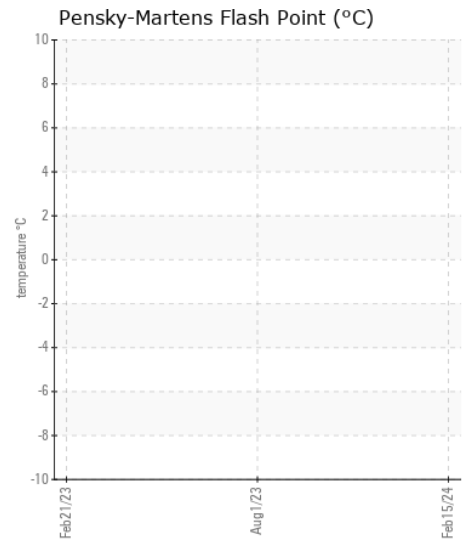
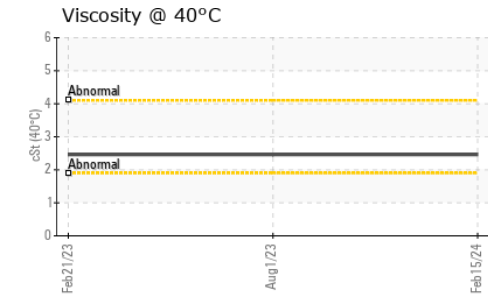
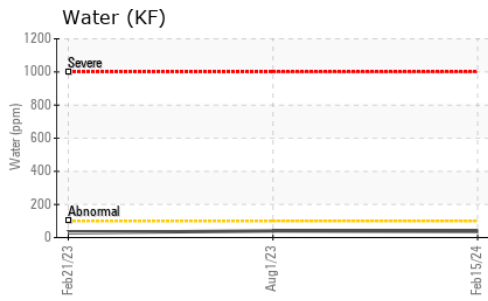
CONTAMINANTS

The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. There is no indication of any contamination in the fuel.

FUEL CONDITION

Sulfur value derived by ASTM D5453 method for ULSD validation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0034012	DC0030200	DC0016670
Sample Date		Client Info		15 Feb 2024	01 Aug 2023	21 Feb 2023
Machine Age	hrs	Client Info		324	306	258
Sample Status				NORMAL	NORMAL	NORMAL
Aluminum	ppm	ASTM D5185m	<0.1	0	0	0
Nickel	ppm	ASTM D5185m	<0.1	0	0	0
Lead	ppm	ASTM D5185m	<0.1	0	0	0
Vanadium	ppm	ASTM D5185m	<0.1	0	<1	0
Iron	ppm	ASTM D5185m	<0.1	0	0	0
Silicon	ppm	ASTM D5185m	<1.0	0	0	<1
Sodium	ppm	ASTM D5185m	<0.1	<1	0	<1
Potassium	ppm	ASTM D5185m	<0.1	0	0	0
Water	%	ASTM D6304	<0.05	0.003	0.004	0.003
ppm Water	ppm	ASTM D6304	<500	37	40.3	29.4
Particles >4µm		ASTM D7647	>2500	---	---	1825
Particles >6µm		ASTM D7647	>640	---	---	310
Particles >14µm		ASTM D7647	>80	---	---	8
Particles >21µm		ASTM D7647	>20	---	---	2
Particles >38µm		ASTM D7647	>4	---	---	0
Particles >71µm		ASTM D7647	>3	---	---	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	---	---	18/15/10
% Gasoline	%	*In-House	<0.50	0.0	0.0	0.0
% Biodiesel	%	*In-House	<20.0	0.0	0.0	0.0
Calcium	ppm	ASTM D5185m	<0.1	0	0	0
Magnesium	ppm	ASTM D5185m	<0.1	0	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	0	0	0
Zinc	ppm	ASTM D5185m	<0.1	0	0	0
ASTM Color	scalar	*ASTM D1500		L4.5	L3.5	L4.0
Visc @ 40°C	cSt	ASTM D445		2.46	2.46	2.46
Sulfur	ppm	ASTM D5185m		26	0	36
Sulfur (UVF)	ppm	ASTM D5453		36	40	35
API Gravity		ASTM D7777		36.5	36.5	36.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0034012
Lab Number : 06103443
Unique Number : 10901673
Test Package : DF-5 (Additional Tests: API, Cetane, Fuel, Screen)

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 US 20736
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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)