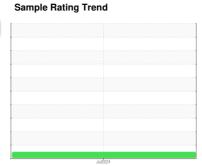


FUEL REPORT

[PM3283683] 150KW3324-0214

Tank Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUF





Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 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. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the fuel.

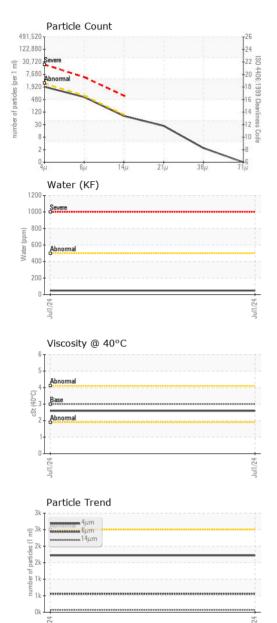
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

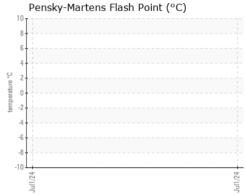
R) (GAL)				Jul2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		DC0037818		
Sample Date		Client Info		01 Jul 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	PERTIES	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.59		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	1136		
Sulfur (UVF)	ppm	ASTM D5453		1099		
IGNITION QUALI	TY	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	34.8		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	< 0.1	2		
Potassium	ppm	ASTM D5185m	< 0.1	<1		
Water	%	ASTM D6304	< 0.05	0.004		
ppm Water	ppm	ASTM D6304	< 500	48		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	1719		
Particles >6µm		ASTM D7647	>640	558		
Particles >14µm		ASTM D7647	>80	69		
Particles >21µm		ASTM D7647	>20	23		
Particles >38µm		ASTM D7647	>4	2		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	18/16/13		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		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	0		
Magnesium	ppm	ASTM D5185m	<0.1	0		
Phosphorus	ppm	ASTM D5185m	<0.1	0		
Zinc	ppm	ASTM D5185m	<0.1	0		



FUEL REPORT











Laboratory

Sample No. : DC0037818 Lab Number : 06236715

Unique Number : 11125549

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Jul 2024 **Tested**

Diagnosed

: 18 Jul 2024 : 18 Jul 2024 - Elizabeth Valachovic

KELLY GENERATOR & EQUIPMENT INC

1955 DALE LN OWINGS, MD US 20736 Contact: LESLIE SNURR

LSNURR@KGE.COM

T: (410)257-5225

F: (410)257-5227

Certificate 12367

Test Package: DF-5 (Additional Tests: API, Cetane, Fuel, PrtCount, 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)

Contact/Location: LESLIE SNURR - KELOWI