

FUEL REPORT

Sample Rating Trend







KOHLER Component **Diesel Fuel** NOT GIVEN (--- GAL)

Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

Corrosion

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

Contaminants

There is a moderate amount of silt (particulates < 6 microns in size) present in the fuel. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible.

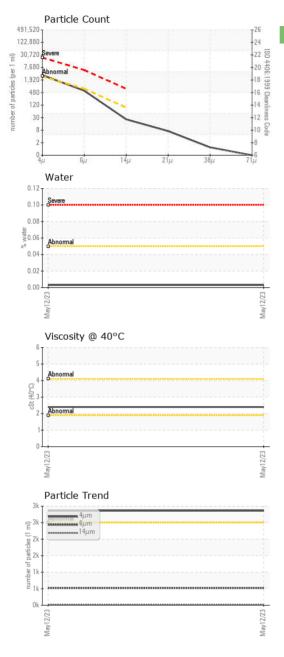
Fuel Condition

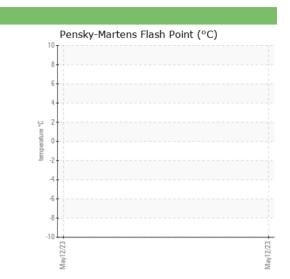
Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

Sample Status PHYSICAL PROPE ASTM Color	scalar cSt	Client Info Client Info Client Info Method	limit/base	WC0748417 12 May 2023 0 NORMAL	 	
Machine Age Sample Status PHYSICAL PROPE ASTM Color Visc @ 40°C	ERTIES scalar cSt	Client Info method *ASTM D1500	limit/base	0 NORMAL		
Machine Age Sample Status PHYSICAL PROPE ASTM Color Visc @ 40°C	ERTIES scalar cSt	method *ASTM D1500	limit/base	NORMAL		
Sample Status PHYSICAL PROPE ASTM Color Visc @ 40°C	scalar cSt	method *ASTM D1500	limit/base	-		
PHYSICAL PROPE ASTM Color Visc @ 40°C	scalar cSt	*ASTM D1500	limit/base			
ASTM Color Visc @ 40°C	scalar cSt	*ASTM D1500	limit/base			
Visc @ 40°C	cSt			current	history1	history2
		A OTHER DAY		L5.5		
SULFUR CONTEN	-	ASTM D445		2.4		
		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
	ppm	ASTM D5453		15		
CONTAMINANTS		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	<1.0	0		
	ppm	ASTM D5185m	<0.1	<1		
	ppm %	ASTM D5185m ASTM D6304	<0.1 <0.05	0 0.003		
		ASTM D6304 ASTM D6304	<0.05	33.7		
	ppm %	*In-House	<0.50	0.0		
	%	*In-House	<0.50	0.0		
				0.0		
FLUID CLEANLINE	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	2859		
Particles >6µm		ASTM D7647	>640	520		
Particles >14µm		ASTM D7647	>80	22		
Particles >21µm		ASTM D7647	>20	6		
Particles >38µm		ASTM D7647	>4	1		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	19/16/12		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0		
Nickel	ppm	ASTM D5185m	<0.1	0		
Lead	ppm	ASTM D5185m	<0.1	0		
Vanadium	ppm	ASTM D5185m	<0.1	<1		
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	<1		
Zinc	ppm	ASTM D5185m	<0.1	0		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom 17:36) Rev: 1					no image	no image DCITO - JEAPHI



FUEL REPORT





Laboratory Sample No. Lab Number Unique Number Unique Number	: WearCheck USA - 501 Mac : WC0748417 Receive : 05873740 Diagno : 10518843 Diagno : DF-5 (Additional Tests: Sc	ed : 14 Jun 2023 sed : 22 Jun 2023 stician : Doug Bogart	JEANS HOSPITAL 760 CENTRAL AVE. PHILADELPHIA, PA US 19111 Contact: DOMINICK NOCITO
Certificate 12367 Test Package To discuss this sample report, * - Denotes test methods that a Statements of conformity to spec	contact Customer Service at 1 re outside of the ISO 17025 so	800-237-1369. ope of accreditation.	DOMINIC.NOCITO@TUNS.TEMPLE.EDU T: (215)768-4510

Contact/Location: DOMINICK NOCITO - JEAPHI