

# **FUEL REPORT**

Sample Rating Trend

ISO

#### Machine Id

# KIOTI NX6510H 2211 (S/N YX

Diesel Fuel

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

## DIAGNOSIS

#### Recommendation

This is a baseline read-out on the submitted sample. We recommend you service the filters on this component.

#### Corrosion

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

## Contaminants

There is a high amount of particulates present in the fuel. Moderate concentration of visible dirt/debris present in the fuel. The water content is negligible.

## **Fuel Condition**

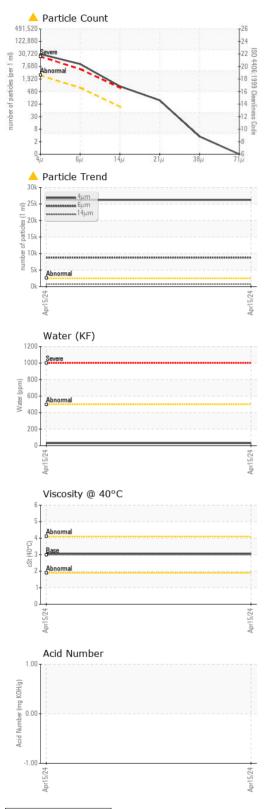
The condition of the fuel is acceptable for the time in service.

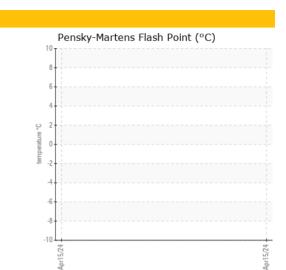
V/V/4000005	- \					
YX1200035	)					
		-				
R) ( GAL)				Apr2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0001300		
Sample Date		Client Info		15 Apr 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	3.05		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	2		
Sodium	ppm	ASTM D5185m	<0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	<500	29		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	<u> </u>		
Particles >6µm		ASTM D7647	>640	A 8772		
Particles >14µm		ASTM D7647 ASTM D7647	>80	▲ 750		
Particles >21µm Particles >38µm		ASTM D7647 ASTM D7647	>20 >4	▲ 161 3		
Particles >71µm			>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	A 22/20/17		
HEAVY METALS		method	limit/base	current	history1	history2
	nnm	ASTM D5185m				
Aluminum Nickel	ppm	ASTM D5185m		0		
Lead	ppm 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	2		
Zinc	ppm	ASTM D5185m	<0.1	0		
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

KIOTI.

# **FUEL REPORT**

GRAPHS





TRINITY EQUIPMENT INC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : KT0001300 Received 2650 S LA CADENA DR : 22 Apr 2024 Lab Number : 06157164 Tested : 25 Apr 2024 COLTON, CA : 25 Apr 2024 - Jonathan Hester US 92324 Unique Number : 10992587 Diagnosed Test Package : CONST ( Additional Tests: KF, SCREEN ) Contact: SEUL G. Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. seulg@teisales.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (909)296-2742 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Contact/Location: SEUL G. - TRICOLCA Page 2 of 2