

## **FUEL REPORT**

Sample Rating Trend

NORMAL

### Area [W509866] JCB 526-60 2458465 Component Diesel Fuel Fluid NOT GIVEN (--- GAL)

#### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time.

#### Corrosion

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

#### Contaminants

The water content is negligible. There is no indication of any contamination in the fuel.

#### **Fuel Condition**

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

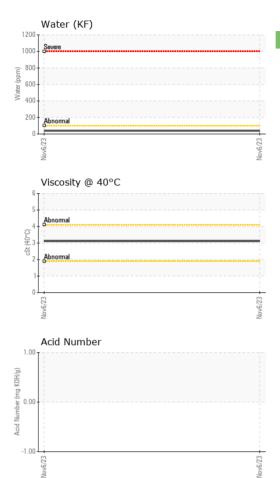


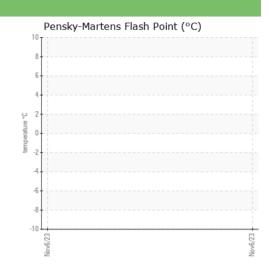


SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JCB005587		
Sample Date		Client Info		06 Nov 2023		
Machine Age	hrs	Client Info		1471		
Sample Status				NORMAL		
PHYSICAL PROF	ERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		3.11		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		136		
CONTAMINANTS		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	0		
Water	%	ASTM D6304	<0.05	0.003		
ppm Water	ppm	ASTM D6304	<500	38.0		
HEAVY METALS		method	limit/base	current	history1	history2
HEAVY METALS	ppm	method ASTM D5185m	limit/base <0.1	current 0	history1	history2
	ppm ppm		<0.1		, , , , , , , , , , , , , , , , , , ,	,
Aluminum		ASTM D5185m	<0.1	0		
Aluminum Nickel	ppm	ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1	0 0		
Aluminum Nickel Lead	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1	0 0 0		
Aluminum Nickel Lead Vanadium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1	0 0 0		
Aluminum Nickel Lead Vanadium Iron	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1	0 0 0 0 0		
Aluminum Nickel Lead Vanadium Iron Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0 0 0 0 0 0	  	  
Aluminum Nickel Lead Vanadium Iron Calcium Magnesium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0 0 0 0 0 0 0	   	   
Aluminum Nickel Lead Vanadium Iron Calcium Magnesium Phosphorus	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0 0 0 0 0 0 0 0	     	
Aluminum Nickel Lead Vanadium Iron Calcium Magnesium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0 0 0 0 0 0 0 0 0 0		



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Contact/Location: DANIEL RAMIREZ - NSTSTO