

## FUEL REPORT

#### Sample Rating Trend

NORMAL

### Area Texas City Machine Id [Texas City] Diesel - #1 Starboard

Component Diesel Fuel

## No.2 DIESEL FUEL (ULTRALOW SULPHUR) (14455 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**

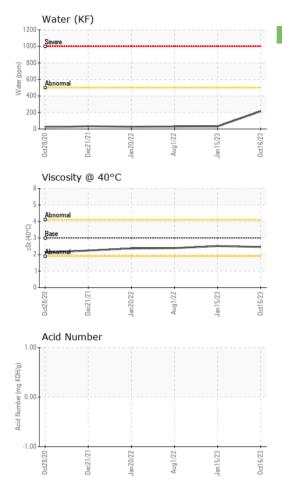
The condition of the fuel is acceptable for the time in service.

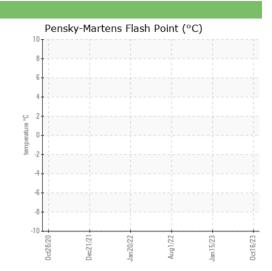
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0719435	WC0719562	WC0643277
Sample Date		Client Info		16 Oct 2023	15 Jan 2023	01 Aug 2022
Machine Age	hrs	Client Info		10855	10855	10855
Sample Status				NORMAL	NORMAL	NORMAL
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	2.46	2.51	2.39
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	7	0	23
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	0	0
Sodium	ppm	ASTM D5185m	<0.1	<1	0	<1
Potassium	ppm	ASTM D5185m	<0.1	0	<1	0
Water	%	ASTM D6304	<0.05	0.021	0.003	0.003
ppm Water	ppm	ASTM D6304	<500	213.8	31.1	30.0
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	<1
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	0	0
Iron	ppm	ASTM D5185m	<0.1	0	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	0	0
Magnesium	ppm	ASTM D5185m	<0.1	0	<1	0
Phosphorus	ppm	ASTM D5185m	<0.1	2	4	<1
Zinc	ppm	ASTM D5185m	<0.1	0	0	0
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color				×		
Bottom						





# **FUEL REPORT**







#### MARATHON PETROLEUM CO.

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