

## **OIL ANALYSIS REPORT**

Sample Rating Trend

ISO

#### Machine Id

## **Galatian Pike Barrel**

Component Drum of Oil Fluid N/A BLANK WASH (--- GAL)

## DIAGNOSIS

### A Recommendation

This is a baseline read-out on the submitted sample.

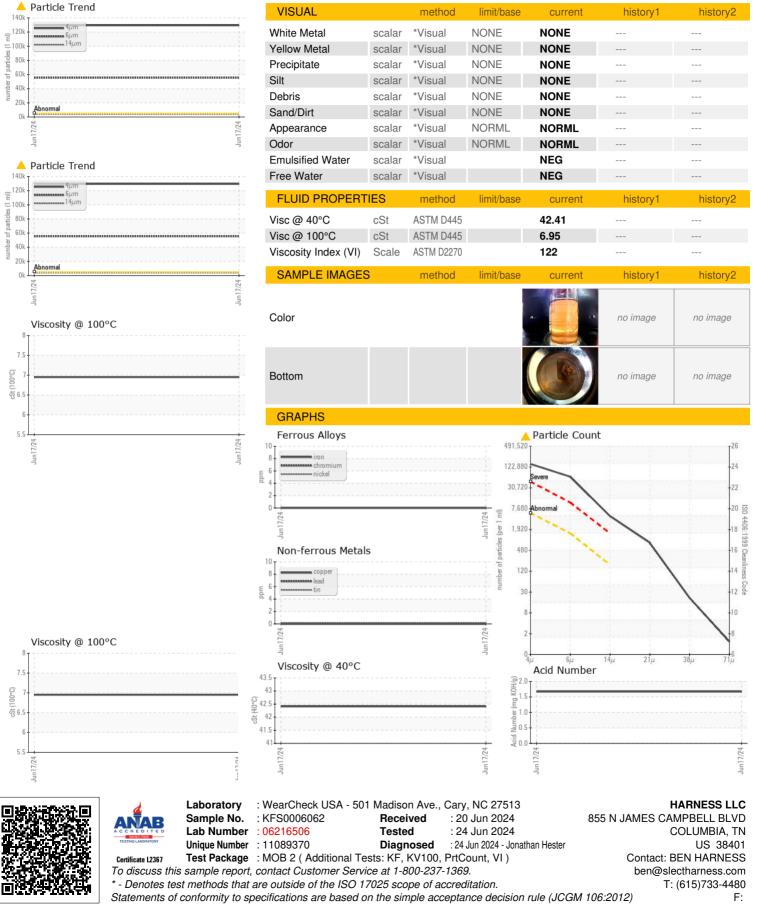
### Contamination

There is a high amount of particulates present in the oil.

SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		KFS0006062		
Sample Date		Client Info		17 Jun 2024		
Machine Age	hrs	Client Info		1		
Oil Age	hrs	Client Info		1		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron		ASTM D5185m				
Barium	ppm			<1 0		
	ppm	ASTM D5185m		-		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		30		
Calcium	ppm	ASTM D5185m		2464		
Phosphorus	ppm	ASTM D5185m		931		
Zinc	ppm	ASTM D5185m		1126		
Sulfur	ppm	ASTM D5185m		4029		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		7		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	3		
Water	%	ASTM D6304		NEG		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<b>A</b> 129370		
Particles >6µm		ASTM D7647	>1300	<u> </u>		
Particles >14µm		ASTM D7647	>160	<b>4050</b>		
Particles >21µm		ASTM D7647	>40	<u> </u>		
Particles >38µm		ASTM D7647	>10	<b>1</b> 8		
Particles >71µm		ASTM D7647	>3	1		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>A</b> 24/23/19		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.67		



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Submitted By: BILL ENYART

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