

OIL ANALYSIS REPORT

Area **PADDLE MIXERS** Machine Id **M-611** Component Gearbox

Fluid MOBIL MOBILGEAR 600 XP 320 (15 GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

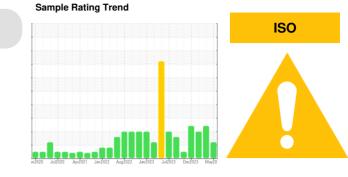
All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



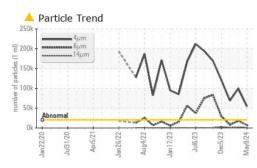
IATION	method	limit/base	current	history1	history2
	Client Info		WC0929834	WC0929826	WC0896631
	Client Info		09 May 2024	09 Apr 2024	12 Jan 2024
mths	Client Info		3	3	3
mths	Client Info		1	3	3
	Client Info		N/A	N/A	N/A
			ABNORMAL	ABNORMAL	ABNORMAL
J	method	limit/base	current	history1	history2
	WC Method	>0.2	NEG	NEG	NEG
	method	limit/base	current	history1	history2
ppm	ASTM D5185m	>200	95	a 304	141
	ASTM D5185m	>15	1	3	1
	ASTM D5185m	>15	<1	0	0
	ASTM D5185m		<1	0	0
	ASTM D5185m		<1	0	0
		>25	2		1
	ASTM D5185m	>100	- <1	0	0
					<1
		>25	<1	0	0
					0
ppm	ASTM D5185m		<1	0	0
	method	limit/base	current	history1	history2
nnm	ASTM D5185m		29	30	30
			-		9
			-		<1
					1
					<1
					13
			-	÷	366
					0
			-	_	10716
ррш					
					history2
					9
					3
ppm	ASTM D5185m	>20	2	<1	2
ESS	method	limit/base	current	history1	history2
	ASTM D7647	>20000	54400	▲ 100062	▲ 68835
	ASTM D7647	>5000	- 7269	<u> </u>	<u> </u>
	ASTM D7647	>640	602	1 504	<u> </u>
				477	015
	ASTM D7647	>160	153	4//	<u> </u>
	ASTM D7647 ASTM D7647	>160 >40	153 3	12	4
		>40			
	ASTM D7647	>40	3	12	4
TION	ASTM D7647 ASTM D7647	>40 >10	3 0	12 0	4 0
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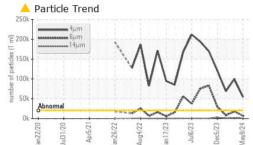
Report Id: POEGRO [WUSCAR] 06180149 (Generated: 05/17/2024 16:32:47) Rev: 1

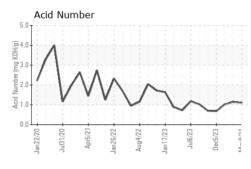
Submitted By: GAVIN KRUEGER Page 1 of 2

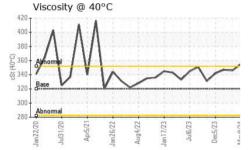


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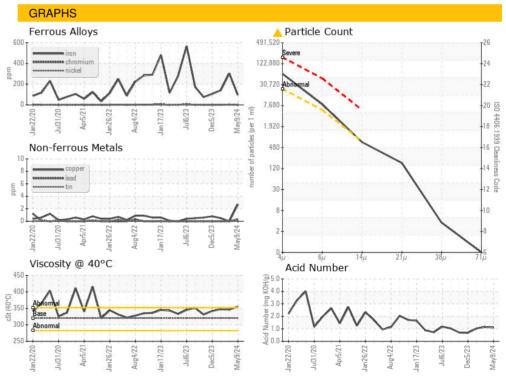






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	320	355	346	347
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						

Bottom



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **POET BIOREFINING - Groton** : WC0929834 Sample No. Received : 15 May 2024 40425 133RD STREET Lab Number : 06180149 Tested : 16 May 2024 GROTON, SD Unique Number : 11031475 Diagnosed : 17 May 2024 - Angela Borella US 57445-6400 Test Package : IND 2 (Additional Tests: PrtCount) Contact: GAVIN KRUEGER Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. Gavin.Krueger@POET.COM T: 6(05)846-6863 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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