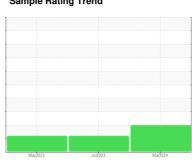


OIL ANALYSIS REPORT

Sample Rating Trend







P-600 Component

Pump Fluid

MOBIL SHC 626 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

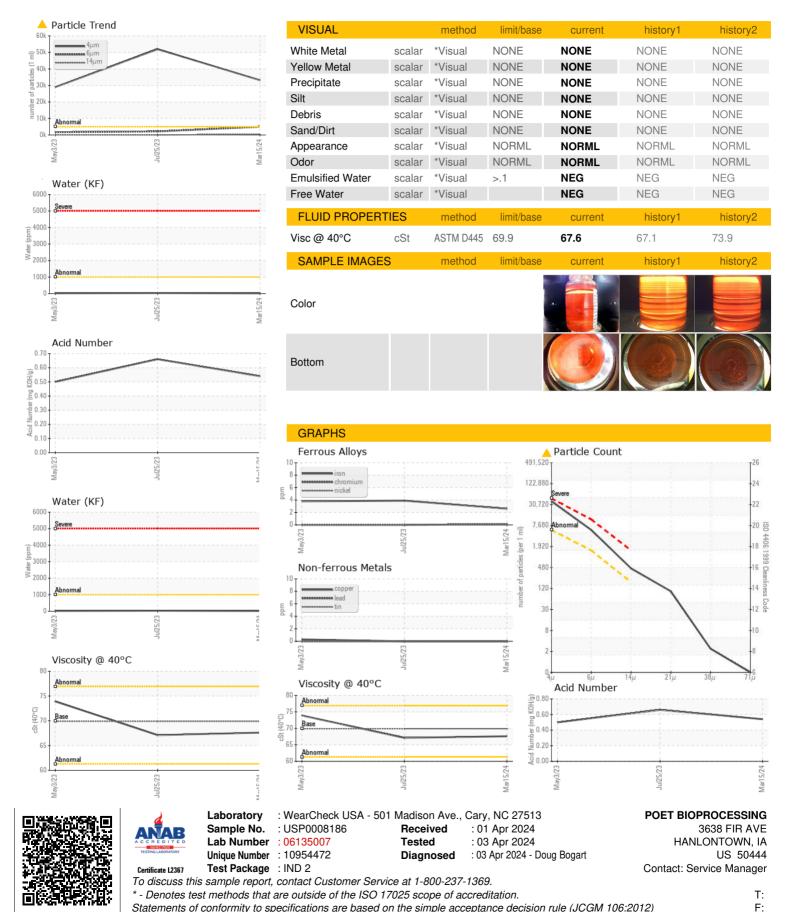
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

			y2023	Jul2023 Mar20		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0008186	USP243119	USP243179
Sample Date		Client Info		15 Mar 2024	25 Jul 2023	03 May 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>75	3	4	4
Chromium	ppm	ASTM D5185m	>5	<1	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>5	0	0	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>15	0	0	<1
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		0	<1	1
Calcium	ppm	ASTM D5185m		2	0	<1
Phosphorus	ppm	ASTM D5185m		480	513	493
Zinc	ppm	ASTM D5185m		2	0	0
Sulfur	ppm	ASTM D5185m		4	0	0
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<1	0	<1
Sodium	ppm	ASTM D5185m		0	0	3
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water	%	ASTM D6304	>.1	0.001	0.003	0.002
ppm Water	ppm	ASTM D6304	>1000	15	32.4	20.2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	△ 33186	<u>▲</u> 51963	<u>^</u> 28961
Particles >6µm		ASTM D7647	>1300	<u> </u>	<u>^</u> 2168	1683
Particles >14µm		ASTM D7647	>160	<u> </u>	39	92
Particles >21µm		ASTM D7647	>40	<u>^</u> 88	7	18
Particles >38µm		ASTM D7647	>10	2	0	2
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	22/20/16	<u>△</u> 23/18/12	<u>22/18/14</u>
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.54	0.66	0.50



OIL ANALYSIS REPORT



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