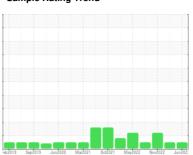


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



OIL SUMP BFP-2C

Component

Reservoir Turbine

ROYAL PURPLE SYNFILM GT 68 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

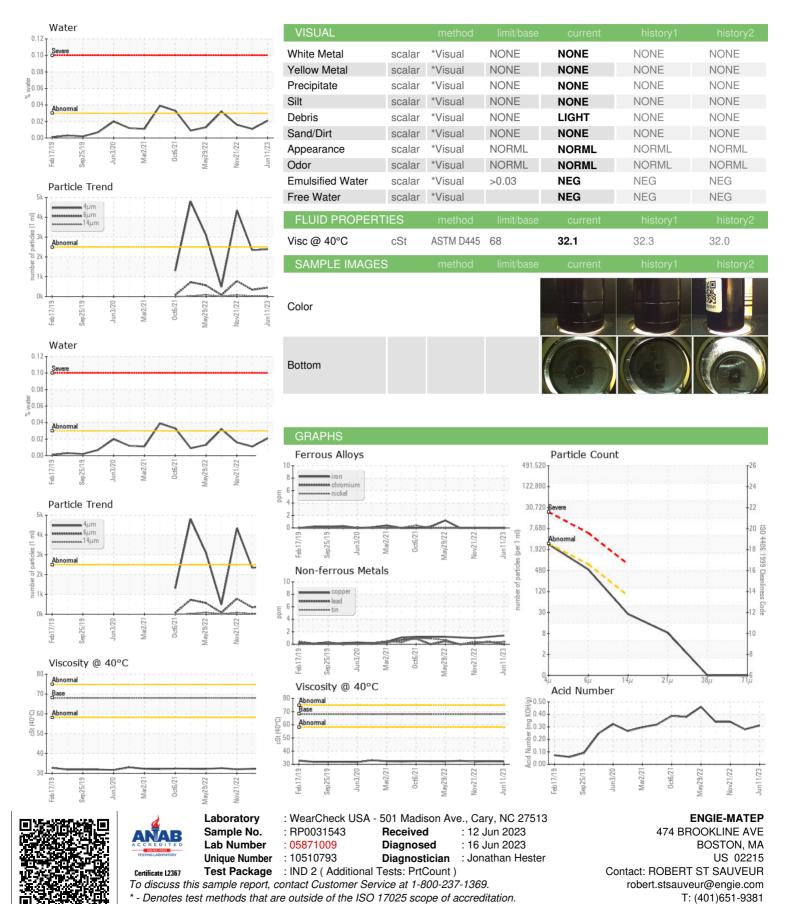
Fluid Condition

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

-662019 Sep2019 Jund028 Mar2021 Oct2021 May2022 Nov2022 Jund022						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0031543	RP0031561	RP0029541
Sample Date		Client Info		11 Jun 2023	19 Feb 2023	21 Nov 2022
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				NORMAL	NORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>15	0	0	0
Chromium	ppm	ASTM D5185m	>4	0	0	0
Nickel	ppm	ASTM D5185m	>2	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	0	0
Lead	ppm	ASTM D5185m		0	<1	<1
Copper	ppm	ASTM D5185m	>5	1	1	1
Tin	ppm	ASTM D5185m	>5	<1	<1	<1
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		0	0	0
Magnesium	ppm	ASTM D5185m	90	82	82	85
Calcium	ppm	ASTM D5185m		0	1	<1
Phosphorus	ppm	ASTM D5185m		0	8	<1
Zinc	ppm	ASTM D5185m		0	0	0
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1	1
Sodium	ppm	ASTM D5185m		2	<1	0
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water	%	ASTM D6304	>0.03	0.021	0.011	0.016
ppm Water	ppm	ASTM D6304	>300	212.0	113.2	164.0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	2387	2340	▲ 4345
Particles >6µm		ASTM D7647		452	343	<u></u> ∧ 784
Particles >14μm		ASTM D7647	>80	24	25	80
Particles >21µm		ASTM D7647		7	10	24
Particles >38µm		ASTM D7647	>4	0	1	2
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	18/16/12	18/16/12	▲ 19/17/13
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.31	0.28	0.34



OIL ANALYSIS REPORT



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

F: