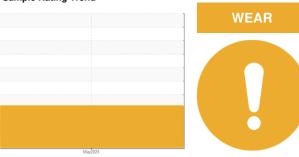


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

C-PO (S/N 84408)

Refrigeration Compressor

USPI 1009-68 SC (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

Iron noted.

Contamination

There is a moderate amount of silt (particulates < 6 microns in size) present in the oil.

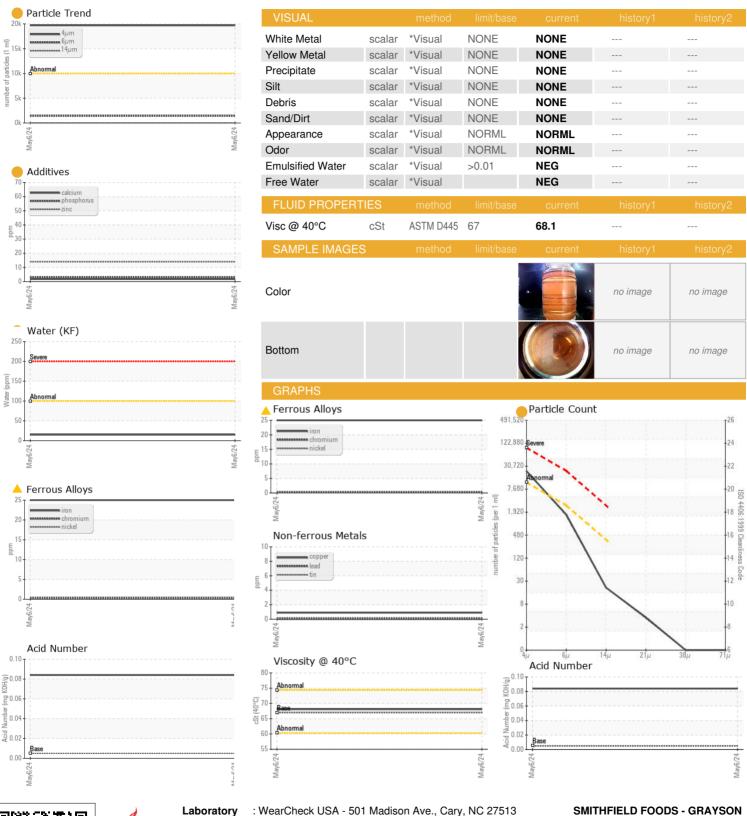
Fluid Condition

Additive levels indicate the addition of a different brand or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

				May2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0011358		
Sample Date		Client Info		06 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	<u>^</u> 25		
Chromium	ppm	ASTM D5185m	>2	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>3	2		
Lead	ppm	ASTM D5185m	>2	0		
Copper	ppm	ASTM D5185m	>8	<1		
Tin		ASTM D5185m	>4	<1		
Vanadium	ppm	ASTM D5185m	77	<1		
Cadmium	ppm	ASTM D5185m		<1 <1		
	ppm		12			
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<u> </u>		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		<u>2</u>		
Phosphorus	ppm	ASTM D5185m		3		
Zinc	ppm	ASTM D5185m		14		
Sulfur	ppm	ASTM D5185m	50	17		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.01	0.001		
ppm Water	ppm	ASTM D6304	>100	15		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	19699		
Particles >6µm		ASTM D7647	>2500	1444		
Particles >14µm		ASTM D7647	>320	18		
Particles >21µm		ASTM D7647	>80	3		
Particles >38µm		ASTM D7647	>20	0		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	2 1/18/11		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.084		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: USP0011358 Lab Number : 06175528

Unique Number : 11021581 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 May 2024 **Tested** : 14 May 2024

Diagnosed : 14 May 2024 - Doug Bogart

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)

Report Id: SMIGRAKY [WUSCAR] 06175528 (Generated: 05/14/2024 17:54:45) Rev: 1

Contact/Location: ? ? - SMIGRAKY

800 C W STEVENS BLVD

GRAYSON, KY

US 41143

Contact:

T:

F: