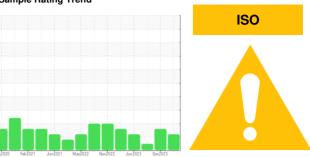


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

HSC-5 (S/N 200912180074)

Refrigeration Compressor

USPI ALT-68 SC (--- GAL)

DIAGNOSIS

Recommendation

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.

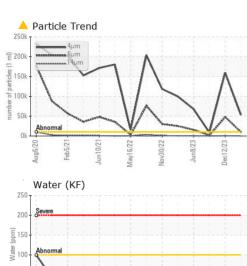
Fluid Condition

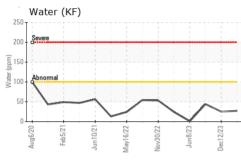
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

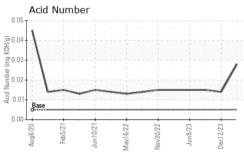
		Aug2020 Fe	b2021 Jun2021 Ma	v2022 Nov2022 Jun2023	Dec2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USPM36669	USP0004203	USP0001939
Sample Date		Client Info		09 Apr 2024	12 Dec 2023	15 Sep 2023
Machine Age	hrs	Client Info		34624	34202	33380
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	0	0	<1
Chromium	ppm	ASTM D5185m	>2	0	0	0
Nickel	ppm	ASTM D5185m		0	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	0	0	0
Lead	ppm	ASTM D5185m	>2	0	0	0
Copper	ppm	ASTM D5185m	>8	<1	0	0
Tin	ppm	ASTM D5185m	>4	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		0	<1	0
Magnesium	ppm	ASTM D5185m		<1	<1	0
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		1	1	0
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m	50	25	0	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0	<1	<1
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	2	2	1
Water	%	ASTM D6304	>0.01	0.003	0.002	0.004
ppm Water	ppm	ASTM D6304	>100	27	25	44.0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	▲ 53356	<u>▲</u> 159766	8598
Particles >6µm		ASTM D7647	>2500	9834	48041	1708
Particles >14μm		ASTM D7647	>320	39	<u>404</u>	48
Particles >21µm		ASTM D7647	>80	5	25	9
Particles >38μm		ASTM D7647	>20	0	0	2
Particles >71μm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<u>^</u> 23/20/12	2 4/23/16	20/18/13
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.028	0.014	0.015

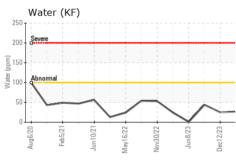


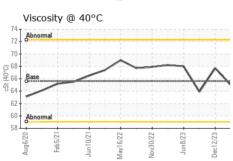
OIL ANALYSIS REPORT

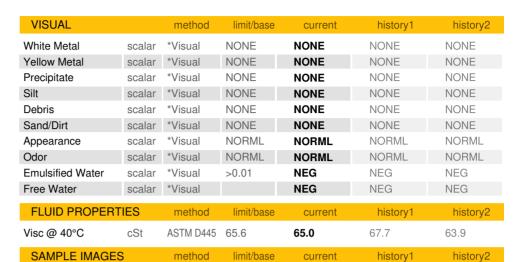




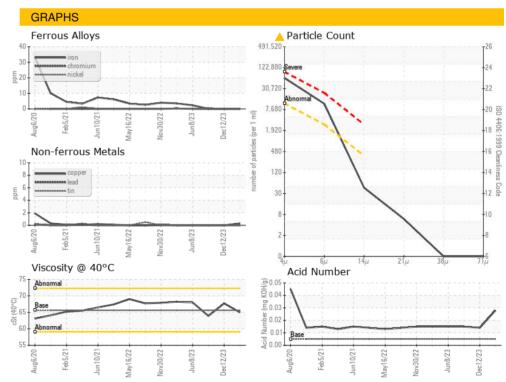








Color **Bottom**







Certificate 12367

Laboratory Sample No.

Lab Number : 06145297 Unique Number : 10970105 Test Package : IND 2

: USPM36669

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

: 12 Apr 2024 Diagnosed : 12 Apr 2024 - Doug Bogart

ConAgra Pinnacle Foods - Hagerstown

1100 Frederick St Hagerstown, MD US 21740

Contact: Service Manager

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: CAGHAG [WUSCAR] 06145297 (Generated: 04/12/2024 08:41:04) Rev: 1

Contact/Location: Service Manager - CAGHAG

T:

F: