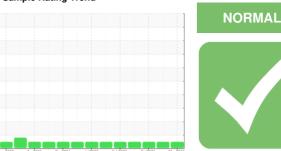


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

C-2 S (S/N F0094VFMNTHGA03)

Refrigeration Compressor

USPI 1009-68 SC (--- 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.

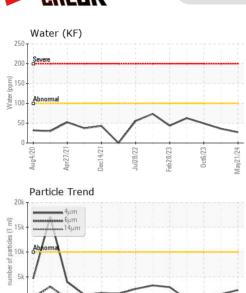
Fluid Condition

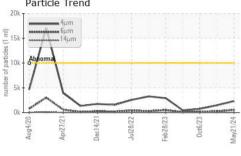
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

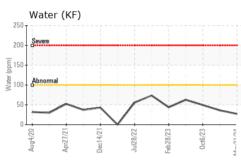
		Aug2020	Apr2021 Dec2021	Jul2022 Feb2023 Oct2023	May2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0012568	USP0005722	USP0001283
Sample Date		Client Info		21 May 2024	16 Jan 2024	06 Oct 2023
Machine Age	hrs	Client Info		241	44146	42618
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	5	6	2
Chromium	ppm	ASTM D5185m	>2	0	<1	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	0	0	0
Lead	ppm	ASTM D5185m	>2	0	1	0
Copper	ppm	ASTM D5185m	>8	0	<1	0
Tin	ppm	ASTM D5185m	>4	0	1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	<1	1
Molybdenum	ppm	ASTM D5185m		0	1	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		0	0	0
Calcium	ppm	ASTM D5185m		0	0	<1
Phosphorus	ppm	ASTM D5185m		0	0	0
Zinc	ppm	ASTM D5185m		3	0	0
Sulfur	ppm	ASTM D5185m	50	256	128	267
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1	0
Sodium	ppm	ASTM D5185m		<1	0	<1
Potassium	ppm	ASTM D5185m	>20	0	2	0
Water	%	ASTM D6304	>0.01	0.003	0.003	0.004
ppm Water	ppm	ASTM D6304	>100	27	36	49.4
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	2326	1457	759
Particles >6µm		ASTM D7647	>2500	561	265	188
Particles >14μm		ASTM D7647	>320	24	21	12
Particles >21µm		ASTM D7647	>80	4	6	3
Particles >38μm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/16/12	18/15/12	17/15/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.017	0.014

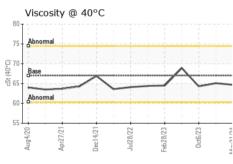


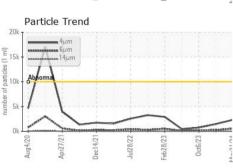
OIL ANALYSIS REPORT









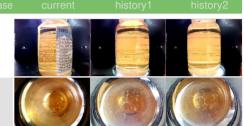


VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.01	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
ELLID DDODEDTIEC			Proc 24 /lean and		for the control	h'ataw 0

I LOID I HOI LITI	ILO	memou			HISTOLAL	Historyz	
Visc @ 40°C	cSt	ASTM D445	67	64.7	65.1	64.3	

SAMPLE IMAGES	method	
Color		





GR	APHS												
Fer	rous Allo	oys						cle Cou	nt				20
8	iron						491,520						T ²⁶
	chromi	ium					122,880 Severe						-24
Edd 4			~		/		30,720						-22
2						A REPORT OF	Abnorma 7,680	1					20. 33
Aug4/20	1/21.	4/21	Jul28/22	3/23	Oct6/23	/24	Ê 7,000		1				120 80 44
Aug-	Apr27/21	Dec14/2	Jul28	Feb28/23	Oct	May21/24	<u>a</u> 1,920						18 6
Nor	n-ferrou	s Meta	ls			_	1,920 (ber mi)	1					-20 ISO 4406:1999 Cleanliness Code
10 8 1	copper						b 120-	/					14 8
****	bssl assesses						g .		1				ss Co
E 6	annana tin	Z.;					30+		/				-12 g
2			ļ <u>.</u>				8 -						10
0 L 	21	21	22	23	23	24	2			1	\		-8
Aug4/20	Apr27/21	Dec14/21	Jul28/22	Feb28/23	Oct6/23	May21/24					1		0
			7	Œ		Σ	04/1	6µ	14μ	21μ	38,	ı	71_{μ}^{6}
80 T	cosity @	40°C					Acid	Numbe	er				
75 - Abno	ormal	-					XOHX.						_
70 - Base				ļļ _.	<u>,</u>		E 0.02						
			-		_		Base						
55	Underse	and and parents		*********			Base 0.00 0.01						
Aug4/20	12/2	4/21-	Jul28/22 -	eb28/23 -	Oct6/23 -	lay21/24	A P.00-14	1/2/1	4/21-	Jul28/22 -	3/23	Oct6/23 +	lay21/24
Aug4	Apr27/21	Jec14/21	Jul28	eb28	Oct	ау21	Aug4/20	Apr27/21)ec14/21	37In(eb28/23	Oct6	ay21





Certificate 12367

Laboratory Sample No. Lab Number : 06200235

Test Package : IND 2

: USP0012568 Unique Number : 11062358

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Jun 2024 **Tested** : 06 Jun 2024

Diagnosed : 10 Jun 2024 - Jonathan Hester **AMERICAN FOODS GROUPS**

10 RIVERSIDE DR LONG PRAIRIE, MN US 56347

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)

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