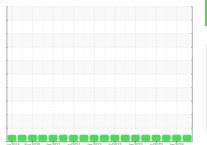


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

AMEGRE 08 FES (S/N 2532313)

Refrigeration Compressor

USPI 1009-68 SC (185 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.

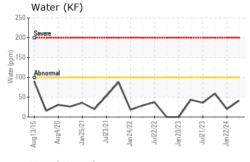
Fluid Condition

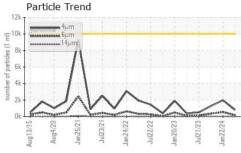
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

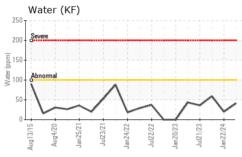
		мg2015 Aug20	20 Jan2021 Jul2021 Ja	n2022 Jul2022 Jan2023 Jul2023	Jan2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0006580	USP0005669	USP0002779
Sample Date		Client Info		22 Apr 2024	22 Jan 2024	20 Oct 2023
Machine Age	hrs	Client Info		77748	0	77872
Oil Age	hrs	Client Info		77748	77512	77872
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	0	0	0
Chromium	ppm	ASTM D5185m	>2	0	0	<1
Nickel	ppm	ASTM D5185m		0	0	0
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	0	0	<1
Tin	ppm	ASTM D5185m	>4	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
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	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	0	0
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		0	0	0
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m	50	4	8	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1	<1	2
Sodium	ppm	ASTM D5185m		<1	2	0
Potassium	ppm	ASTM D5185m	>20	0	0	1
Water	%	ASTM D6304	>0.01	0.004	0.002	0.005
ppm Water	ppm	ASTM D6304	>100	41	20	59.0
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	823	1975	1269
Particles >6µm		ASTM D7647	>2500	172	539	351
Particles >14μm		ASTM D7647	>320	14	19	33
Particles >21µm		ASTM D7647	>80	4	3	10
Particles >38µm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	17/15/11	18/16/11	17/16/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.03	0.012

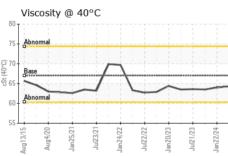


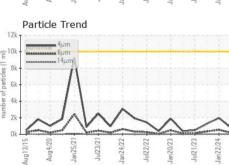
OIL ANALYSIS REPORT











VISUAL		method	limit/base	current	history1	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
FLUID PROPERT	TIFC	ام مالم مما	lineit/lenen		la i a t a m . d	history O
FLUID PROPERI	IES	method				history2

. 20.2							
Visc @ 40°C	cSt	ASTM D445	67	64.3	64.0	63.5	

SAMPLE IMAGES	method	ilmit/base
Color		





	RAPH									
	rous	Alloy	S						Particle Count	20
10 8 1	iro	on	Ш						491,520	T ²⁶
6 - ******	mananana Ci	romiun ckel	1	ļ.,					122,880 Severe	-24
4-			2						30,720	-22
2		1							Abnormal	
0 1 }•••	/20	/21	1/2/	727	722	/23	/23	724	₹ 7,680	120
Aug13/15	Aug4/20	Jan25/21	Jul23/21	Jan24/22	Jul22/22	Jan20/23	Jul21/23	Jan22/24	1.920	-18
No	n-ferr		Meta					,	(De 1.1920 - 1.920 - 480 - 120	+20 +18 +16 +14 +12
8 =	CO	opper							120-	-14
6+	resesses (il	1							30	-12
2									8-	-10
Aug13/15	Aug4/20	Jan25/21	Jul23/21	Jan24/22	Jul22/22	Jan20/23	Jul21/23	Jan22/24	2	-8
Augl	Aug	Jan2	Jul	Jan2	Jul	Jan2	Jul2	Jan2		
Vis	cosity	@ 4	10°C						4μ 6μ 14μ 21μ Acid Number	38μ 71μ
O T	ormal				7-1-	111	1-1-	11111	£0.04 7	
o T D				mm mass		· ·		Participation.	80.03	
Bas	e		/	\rightarrow					9 0.02	//
Abr	normal	******							8 0.01 Base	
55 🖳	-	+	-	2	2			4	' <u>9</u> n nn <u>i</u>	8 8
Aug13/15	Aug4/20	Jan25/21	Jul23/21	Jan24/22	Jul22/22	Jan20/23	Jul21/23	Jan22/24	Aug13/15 Aug4/20 Jan25/21 Jul23/21 Jul22/22	Jan 20/23 Jul 21/23 Jan 22/24
Auı	Ä	2	5	- Gil	7	- In	7	-ig	A Jan Jan	Ja Jan





Laboratory Sample No.

: USP0006580 Lab Number : 06160400 Unique Number : 10995823

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2024 **Tested**

: 26 Apr 2024 Diagnosed : 29 Apr 2024 - Doug Bogart

544 ACME ST GREEN BAY, WI US 54302 Contact:

Test Package : IND 2 Certificate 12367 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: AMEGREWI [WUSCAR] 06160400 (Generated: 05/04/2024 04:19:23) Rev: 1

Contact/Location: ? ? - AMEGREWI

AMERICAN FOODS GROUP - DRESSED BEEF (AMEGREDRE)

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