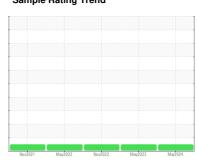


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id HSC-3 (S/N 2055619)

Component

Refrigeration Compressor

CAPELLA P-68 (--- GAL)

וט	ΙΔ		VП			15
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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

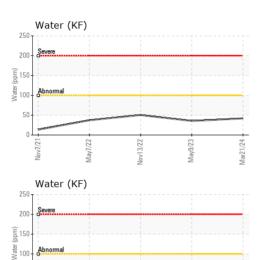
Fluid Condition

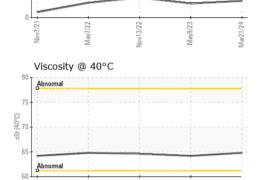
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Nov2021	May2022	Nov2022 May2023	Mar2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0832889	WC0766791	WC0746989
Sample Date		Client Info		21 Mar 2024	09 May 2023	13 Nov 2022
Machine Age	hrs	Client Info		0	4186	22476
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	4	1	2
Chromium	ppm	ASTM D5185m	>2	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	0	<1	0
Lead	ppm	ASTM D5185m	>2	0	0	0
Copper	ppm	ASTM D5185m	>8	0	0	0
Tin	ppm	ASTM D5185m	>4	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Caralina'i una		ACTM DE10E		_	0	0
Cadmium	ppm	ASTM D5185m		2	0	U
ADDITIVES	ppm	method	limit/base	current	history1	history2
	ppm		limit/base			
ADDITIVES		method	limit/base	current	history1	history2
ADDITIVES Boron	ppm	method ASTM D5185m	limit/base	current 0	history1	history2
ADDITIVES Boron Barium	ppm	method ASTM D5185m ASTM D5185m	limit/base	current 0 0	history1 0 0	history2 0 0
ADDITIVES Boron Barium Molybdenum	ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 0 0 0	history1 0 0 0	history2 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 0 0 0 0 0	history1 0 0 0 <	history2 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	history1 0 0 0 0 <1 9 0 0	history2 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	Current 0 0 0 0 0 0 0 0	history1 0 0 0 0 <1 9 0	history2 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	Current 0 0 0 0 0 0 0 0 0 0	history1 0 0 0 0 <1 9 0 0	history2 0 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	Current 0 0 0 0 0 0 0 0 4 2	history1 0 0 0 0 <1 9 0 0 11	history2 0 0 0 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m		Current 0 0 0 0 0 0 0 0 4 2	history1 0 0 0 0 <1 9 0 0 11	history2 0 0 0 0 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 4 2 current	history1 0 0 0 0 <1 9 0 111 0 history1	history2 0 0 0 0 0 0 0 0 0 0 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	Current 0 0 0 0 0 0 0 4 2 current	history1 0 0 0 0 <1 9 0 0 111 0 history1 <1	history2 0 0 0 0 0 0 0 0 0 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base >15 >20	current 0 0 0 0 0 0 0 0 4 2 current 0	history1 0 0 0 0 <1 9 0 0 11 0 history1 <1 <1	history2 0 0 0 0 0 0 0 0 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base >15 >20	current 0 0 0 0 0 0 0 0 4 2 current 0 1	history1 0 0 0 0 <1 9 0 0 11 0 history1 <1 4	history2 0 0 0 0 0 0 0 0 0 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Water	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base >15 >20 >0.01	current 0 0 0 0 0 0 0 0 4 2 current 0 1 0 0.004	history1 0 0 0 0 <1 9 0 11 0 history1 <1 <1 4 0.003	history2 0 0 0 0 0 0 0 0 0 history2 0 0 0 0 0 0 0 0 0 0 0 0 0



OIL ANALYSIS REPORT



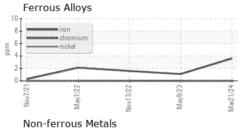


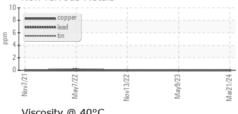
VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	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	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		64.8	64.2	64.6
SAMPLE IMAGES	3	method	limit/base	current	history1	history2

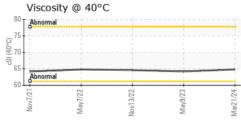
Color

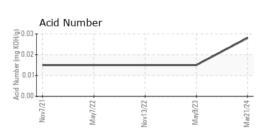
















Certificate L2367

Laboratory Sample No.

: WC0832889 Lab Number : 06132089 Unique Number: 10951554 Test Package : IND 2

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

: 28 Mar 2024 : 29 Mar 2024 Diagnosed

: 02 Apr 2024 - Angela Borella

661 RAILROAD AVE ALBERTVILLE, AL US 35951

Contact: PENNY PRICE pprice@emmausfoods.com

EMMAUS FOODS LLC

T: (256)894-5827

* - 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)

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

Report Id: EMMALB [WUSCAR] 06132089 (Generated: 04/02/2024 18:26:30) Rev: 1

Contact/Location: PENNY PRICE - EMMALB

F: