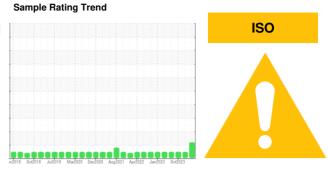


OIL ANALYSIS REPORT

ENGINE ROOM C-1 (S/N S0867PFMCTHAA03)

Refrigeration Compressor

USPI 1009-68 SC (85 GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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.

Sample Number Client Info USP0008165 USP0005198 USP243 Sample Date Client Info 01 Apr 2024 27 Dec 2023 09 Oct 2 Machine Age hrs Client Info 8905 7705 6409 Oil Age hrs Client Info 8905 7705 6409 Oil Age hrs Client Info N/A	CAMPLE INCOR	AATIONI		lineit/lenene	a	la i a ta murd	la i a ta uu . O
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Lead ppm ASTM D5185m >2 <1	Silver	ppm	ASTM D5185m	>2	0	0	0
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Tin	Copper		ASTM D5185m	>8	<1	0	0
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ppm Water ppm ASTM D6304 >100 41 28 61.6 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4μm ASTM D7647 >10000 ▲ 20339 466 822 Particles >6μm ASTM D7647 >2500 2767 119 217 Particles >14μm ASTM D7647 >320 29 11 27 Particles >21μm ASTM D7647 >80 4 3 9 Particles >38μm ASTM D7647 >20 0 0 1 Particles >71μm ASTM D7647 >4 0 0 0	Potassium	ppm	ASTM D5185m	>20	1	0	<1
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Particles >71μm ASTM D7647 >4 0 0	Particles >21µm		ASTM D7647	>80	4	3	9
	Particles >38µm		ASTM D7647	>20	0	0	1
Oil Cleanliness ISO 4406 (c) >20/18/15 🛕 22/19/12 16/14/11 17/15	Particles >71µm		ASTM D7647	>4	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	22/19/12	16/14/11	17/15/12
FLUID DEGRADATION method limit/base current history1 history	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D974 0.005 0.028 0.014 0.014	Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.028	0.014	0.014



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: USP0008165 Lab Number : 06135710 Unique Number : 10955175

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 01 Apr 2024

Tested : 04 Apr 2024 Diagnosed

: 04 Apr 2024 - Doug Bogart

US 61068 Contact: Service Manager

TYSON - ROCHELLE

ROCHELLE, IL

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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