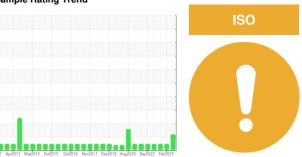


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

AMMC-08 (S/N S0641PFMPTHAA3)

Refrigeration Compressor

USPI 1009-68 SC (185 GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

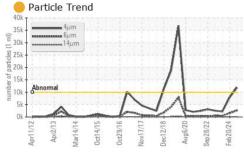
Fluid Condition

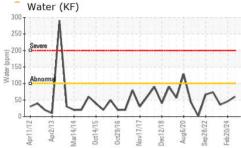
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

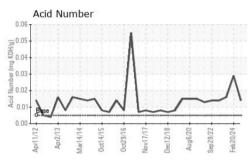
ud012 App2013 Mar2014 Oct2015 Oct2016 Nov2017 Oct2018 Aug2020 Sep2022 Feb2024											
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2					
Sample Number		Client Info		USP0012704	USP0006815	USP225904					
Sample Date		Client Info		30 May 2024	20 Feb 2024	06 Sep 2023					
Machine Age	hrs	Client Info		0	0	0					
Oil Age	hrs	Client Info		0	0	0					
Oil Changed		Client Info		N/A	N/A	N/A					
Sample Status				ATTENTION	NORMAL	NORMAL					
WEAR METALS		method	limit/base	current	history1	history2					
Iron	ppm	ASTM D5185m	>8	1	<1	<1					
Chromium	ppm	ASTM D5185m	>2	<1	<1	0					
Nickel	ppm	ASTM D5185m		0	0	0					
Titanium	ppm	ASTM D5185m		<1	0	0					
Silver	ppm	ASTM D5185m	>2	0	0	0					
Aluminum	ppm	ASTM D5185m	>3	0	1	0					
Lead	ppm	ASTM D5185m	>2	<1	0	0					
Copper	ppm	ASTM D5185m	>8	<1	<1	0					
Tin	ppm	ASTM D5185m	>4	<1	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		<1	0	1					
Molybdenum	ppm	ASTM D5185m		<1	0	0					
Manganese	ppm	ASTM D5185m		0	0	0					
Magnesium	ppm	ASTM D5185m		<1	<1	<1					
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	0	0	0					
CONTAMINANTS		method	limit/base	current	history1	history2					
Silicon	ppm	ASTM D5185m	>15	<1	0	<1					
Sodium	ppm	ASTM D5185m	710	0	0	0					
Potassium	ppm	ASTM D5185m	>20	<1	<1	0					
Water	%	ASTM D6304	>0.01	0.006	0.004	0.003					
ppm Water	ppm	ASTM D6304	>100	60	46	35.7					
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2					
Particles >4µm		ASTM D7647	>10000	11884	7901	2177					
Particles >6µm		ASTM D7647	>2500	2642	1588	443					
Particles >14µm		ASTM D7647	>320	82	36	47					
Particles >21µm		ASTM D7647	>80	14	7	16					
Particles >38µm		ASTM D7647	>20	0	0	0					
Particles >71µm		ASTM D7647	>4	0	0	0					
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/19/14	20/18/12	18/16/13					
FLUID DEGRADA	TION	method	limit/base	current	history1	history2					
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.029	0.016					

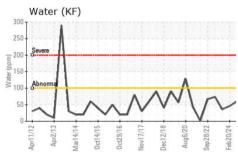


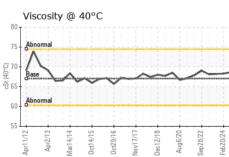
OIL ANALYSIS REPORT

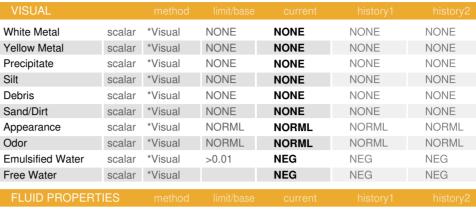












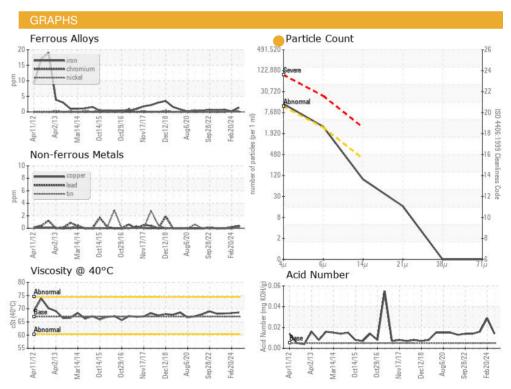
Visc @ 40°C	cSt	ASTM D445	67	68.6	68.3	68.2

SAMPLE IMAGES

Color

Bottom









Certificate 12367

Laboratory Sample No.

Lab Number Unique Number : 11058863

Test Package : IND 2

: USP0012704 : 06196740

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024

Tested : 03 Jun 2024 Diagnosed : 03 Jun 2024 - Doug Bogart

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

 st - 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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