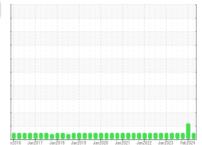


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

TYSWILFS HS-19 (S/N 50015CFMFTHAB3)

Refrigeration Compressor

USPI ALT-68 SC (--- GAL)

Recommendation

Resample at the next service interval to monitor.

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.

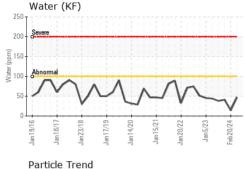
Fluid Condition

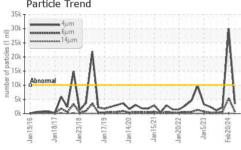
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

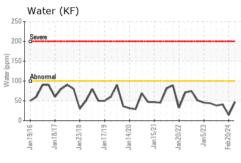
n2016 Jan2017 Jan2018 Jan2019 Jan2020 Jan2022 Jan2022 Feb2024							
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		USP0011464	USP248441	USP0003597	
Sample Date		Client Info		14 May 2024	20 Feb 2024	20 Nov 2023	
Machine Age	hrs	Client Info		0	0	0	
Oil Age	hrs	Client Info		0	0	0	
Oil Changed		Client Info		N/A	N/A	N/A	
Sample Status				NORMAL	ABNORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>8	4	5	6	
Chromium	ppm	ASTM D5185m	>2	<1	0	<1	
Nickel	ppm	ASTM D5185m		<1	0	<1	
Titanium	ppm	ASTM D5185m		<1	0	<1	
Silver	ppm	ASTM D5185m	>2	<1	0	0	
Aluminum	ppm	ASTM D5185m	>3	0	0	0	
Lead	ppm	ASTM D5185m	>2	<1	0	0	
Copper	ppm	ASTM D5185m	>8	<1	0	<1	
Tin	ppm	ASTM D5185m	>4	<1	0	0	
Vanadium	ppm	ASTM D5185m		<1	<1	0	
Cadmium	ppm	ASTM D5185m		<1	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		<1	0	<1	
Manganese	ppm	ASTM D5185m		0	0	0	
Magnesium	ppm	ASTM D5185m		<1	<1	<1	
Calcium	ppm	ASTM D5185m		<1	<1	<1	
Phosphorus	ppm	ASTM D5185m		0	<1	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	<1	<1	
Sodium	ppm	ASTM D5185m		0	0	0	
Potassium	ppm	ASTM D5185m	>20	1	0	<1	
Water	%	ASTM D6304	>0.01	0.004	0.001	0.004	
ppm Water	ppm	ASTM D6304	>100	47	14	41	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2	
Particles >4µm		ASTM D7647	>10000	3458	▲ 30010	2189	
Particles >6µm		ASTM D7647	>2500	614	<u></u> 5434	575	
Particles >14µm		ASTM D7647	>320	35	111	26	
Particles >21µm		ASTM D7647	>80	7	13	7	
Particles >38µm		ASTM D7647	>20	1	0	0	
Particles >71µm		ASTM D7647	>4	0	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/16/12	<u>^</u> 22/20/14	18/16/12	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.012	0.014	0.011	

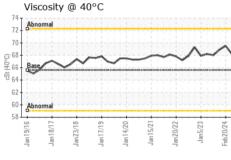


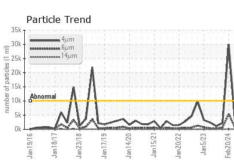
OIL ANALYSIS REPORT

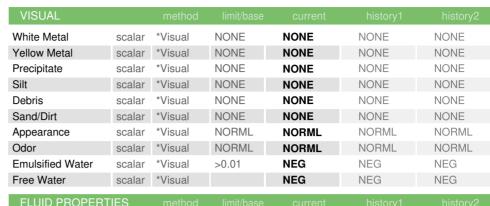










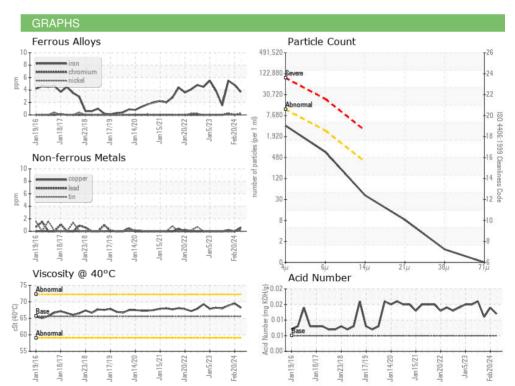


. 20.2						
Visc @ 40°C	cSt	ASTM D445	65.6	68.2	69.5	68.9

SAMPLE	IMAGES	

Color

Bottom







Certificate 12367

Laboratory Sample No. Lab Number

Test Package : IND 2

: USP0011464 : 06180221 Unique Number : 11031547

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 May 2024 **Tested** : 18 May 2024

Diagnosed : 18 May 2024 - Jonathan Hester

TYSON FOOD SERVICE PLT - WILKESBORO-USP

706 FACTORY ST WILKSBORO, NC

US 28697 Contact:

T:

F:

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)