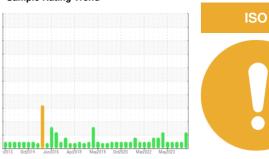


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

FES TYSSED FP 16

Component Refrigeration Compressor

USPI ALT-68 SC (300 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

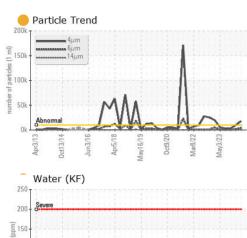
Fluid Condition

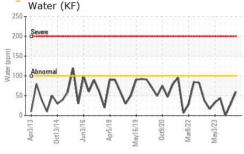
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

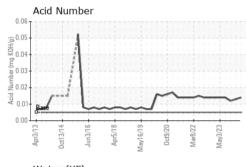
		r2013 Oct20	14 Jun2016 Apr2018	May2019 Oct2020 Mar2022 h	Tay2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0012692	USP0005164	USP0001741
Sample Date		Client Info		02 Jun 2024	23 Dec 2023	27 Sep 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	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	0	1
Chromium	ppm	ASTM D5185m	>2	<1	0	0
Nickel	ppm	ASTM D5185m		1	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	0	0	1
Lead	ppm	ASTM D5185m	>2	<1	<1	0
Copper	ppm	ASTM D5185m	>8	<1	0	0
Tin	ppm	ASTM D5185m	>4	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
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	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		0	3	4
Phosphorus	ppm	ASTM D5185m		0	0	2
Zinc	ppm	ASTM D5185m		<1	0	0
Sulfur	ppm	ASTM D5185m	50	0	3	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2	2	3
Sodium	ppm	ASTM D5185m		<1	0	0
Potassium	ppm	ASTM D5185m	>20	1	0	<1
Water	%	ASTM D6304	>0.01	0.006	0.003	0.00
ppm Water	ppm	ASTM D6304		60	29	0.00
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	17648	9512	3106
Particles >6µm		ASTM D7647	>2500	3838	1894	594
Particles >14µm		ASTM D7647	>320	177	48	23
Particles >21µm		ASTM D7647	>80	30	7	7
Particles >38µm		ASTM D7647	>20	1	0	1
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/19/15	20/18/13	19/16/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.013	0.012

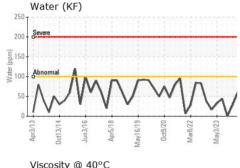


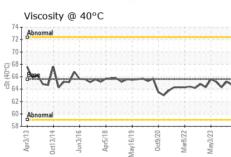
OIL ANALYSIS REPORT

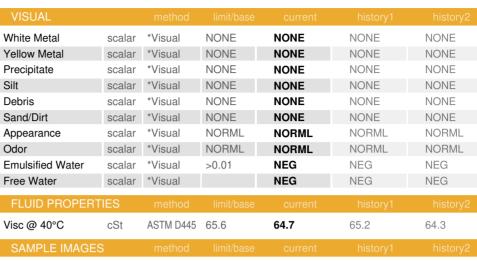








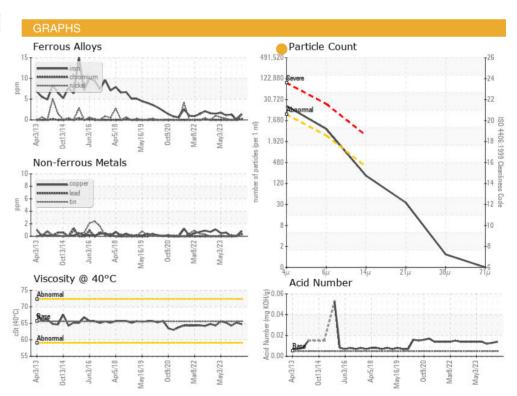




Bottom

Color









Certificate 12367

Laboratory Sample No.

Lab Number Unique Number : 11060347

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : USP0012692 : 06198224

Test Package : IND 2

Received : 03 Jun 2024 **Tested** : 06 Jun 2024

Diagnosed : 06 Jun 2024 - Doug Bogart

19578 WHITFIELD RD SEDALIA, MO US 65301

TYSON -SEDALIA- USP

Contact: BONNIE bonnie.weathers@tyson.com

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: TYSSED [WUSCAR] 06198224 (Generated: 06/07/2024 22:10:38) Rev: 1

Contact/Location: BONNIE ? - TYSSED

T:

F: