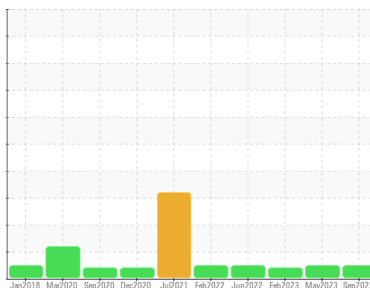




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
SYNOIL 8K FG
 Machine Id
SULLAIR LS-25 76 McCain Foods (S/N 003-125465)
 Component
Compressor

DIAGNOSIS

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.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			UCZ05968390	UCZ05858142	UCZ05786324
Sample Date	Client Info			25 Sep 2023	22 May 2023	14 Feb 2023
Machine Age	hrs	Client Info		106748	104362	102046
Oil Age	hrs	Client Info		4702	2316	6044
Oil Changed	Client Info			N/A	Not Changd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	1
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m		<1	<1	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>15	0	1	<1
Lead	ppm	ASTM D5185m	>65	0	<1	<1
Copper	ppm	ASTM D5185m	>65	4	4	11
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	0	0	0
Barium	ppm	ASTM D5185m	0.3	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m	0	0	<1	0
Magnesium	ppm	ASTM D5185m	0	0	4	0
Calcium	ppm	ASTM D5185m	0.5	0	0	0
Phosphorus	ppm	ASTM D5185m	536	32	57	28
Zinc	ppm	ASTM D5185m	0.2	<1	0	22
Sulfur	ppm	ASTM D5185m	649	178	239	301

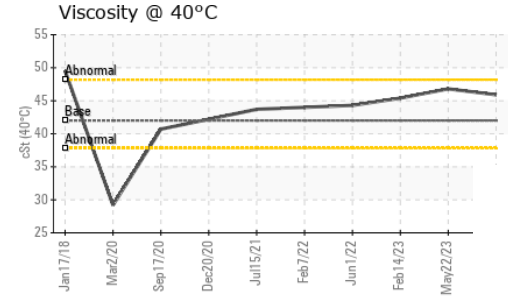
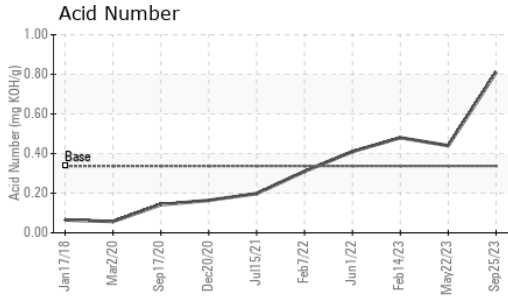
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	3	<1	0
Sodium	ppm	ASTM D5185m		0	<1	0
Potassium	ppm	ASTM D5185m	>20	<1	0	<1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.337	0.81	0.44	0.48

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	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	NONE	LIGHT	▲ MODER
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	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

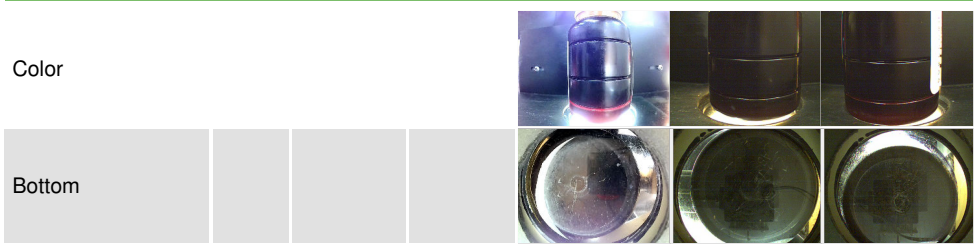


OIL ANALYSIS REPORT

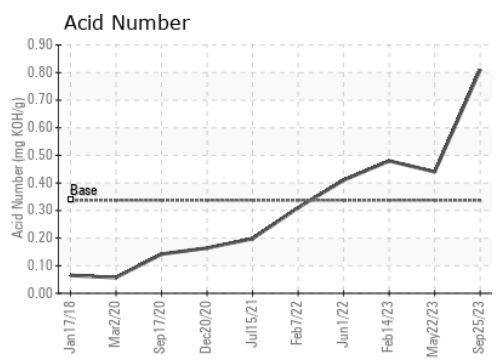
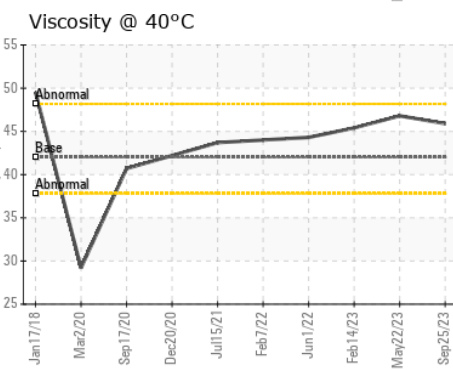
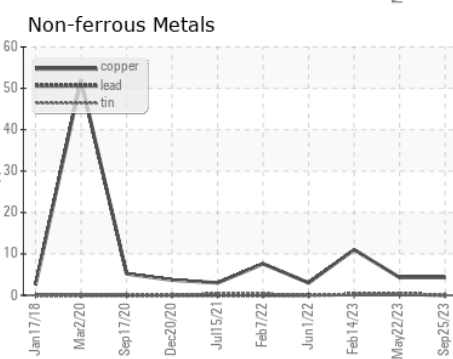
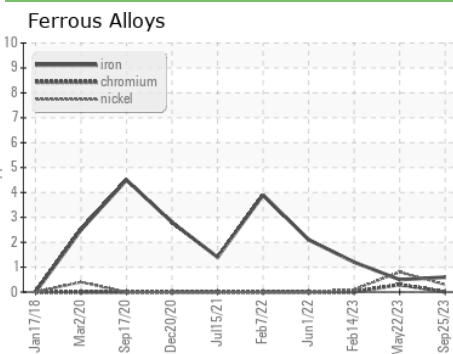


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.0	45.9	46.8	45.4

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCZ05968390
Lab Number : 05968390
Unique Number : 10674941
Test Package : IND 2
Received : 03 Oct 2023
Diagnosed : 04 Oct 2023
Diagnostician : Doug Bogart

ZORN COMP & EQUIPMENT CO (WAU)
 4100 COUNTY TK WW
 WAUSAU, WI
 US 54401
 Contact: ARNIE BUCKNELL
 arnie.bucknell@zornair.com
 T:
 F: (715)675-3683

Certificate L2367
 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)