

OIL ANALYSIS REPORT

SYNOIL 8K KAESER 100898.1 / 1051 - SPEEDY METALS LLC Component

Compressor

Recommendation

Resample at the next service interval to monitor.

Wear

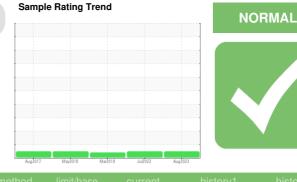
All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

Fluid Condition

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

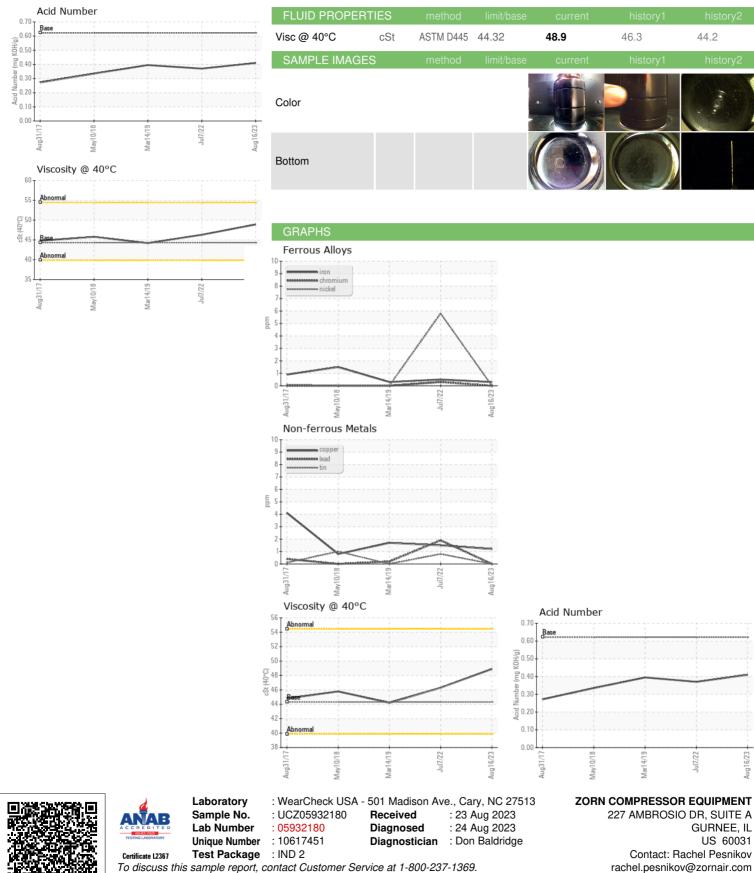




		ام م مالد م ما	line it //s s s s		Internet	histow.0
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCZ05932180	UCZ05612799	UCZ04680361
Sample Date		Client Info		16 Aug 2023	07 Jul 2022	14 Mar 2019
Machine Age	hrs	Client Info		34950	0	24473
Oil Age	hrs	Client Info		1000	0	8000
Oil Changed		Client Info		Changed	Changed	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	>10	0	<1	0
Nickel	ppm	ASTM D5185m	>3	0	6	0
Titanium	ppm	ASTM D5185m	>3	0	<1	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>10	<1	<1	0
Lead	ppm	ASTM D5185m	>10	0	2	<1
Copper	ppm	ASTM D5185m	>50	1	2	2
Tin	ppm	ASTM D5185m	>10	0	<1	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.3	0	<1	<1
Barium	ppm	ASTM D5185m	0.3	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	<1
Manganese	ppm	ASTM D5185m	0.9	<1	<1	0
Magnesium	ppm	ASTM D5185m	0.2	0	6	0
Calcium	ppm	ASTM D5185m	0.1	0	3	0
Phosphorus	ppm	ASTM D5185m	429	378	141	254
Zinc	ppm	ASTM D5185m	0.3	78	27	10
Sulfur	ppm	ASTM D5185m	1336	519	175	4 577
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	1	3
Sodium	ppm	ASTM D5185m		0	2	0
Potassium	ppm	ASTM D5185m	>20	0	10	<1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.622	0.41	0.37	0.395
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	LIGHT	NONE	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	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual)	NEG	Racl n æ@esnikov	- U qeq rgur



OIL ANALYSIS REPORT



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)

Mar14/19

GURNEE, IL

T: (847)599-1333

US 60031

F: x:

Aug16/23

44.2