

OIL ANALYSIS REPORT

Area [2337] **KAESER 1041 - ROTEX**

Component Compressor

KAESER SIGMA (OEM) S-460 (--- GAL)

Sample Rating Trend **ADDITIVES**

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

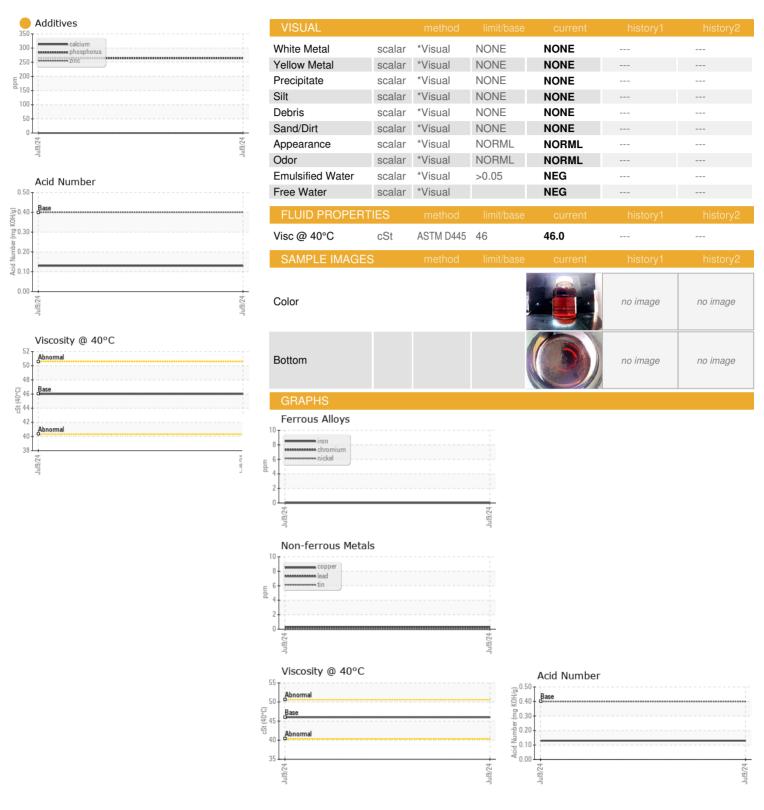
Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0947647		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		57683		
Oil Age	hrs	Client Info		491		
Oil Changed		Client Info		Not Changd		
Sample Status				ATTENTION		
CONTAMINATIO	V	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	90	0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	0		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		264		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		486		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.13		



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Certificate 12367

Laboratory Sample No.

Lab Number : 06240453 Unique Number : 11129287 Test Package : IND 2

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0947647 Received : 18 Jul 2024 **Tested**

: 19 Jul 2024 Diagnosed

: 19 Jul 2024 - Doug Bogart

ELEVATED INDUSTRIAL SOLUTIONS - EIS 302 HUGHES ST FOUNTAIN INN, SC US 29644

Contact: DARRIN WARD dward@elevatedindustrial.com

* - 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)

F: (864)862-7653 Contact/Location: DARRIN WARD - PALFOU

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