

OIL ANALYSIS REPORT

Sample Rating Trend



KAESER BSD 60 2722724 (S/N 1079)

Compressor

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

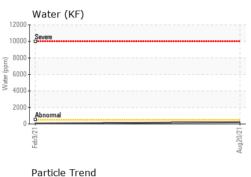
Fluid Condition

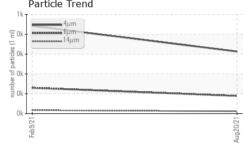
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

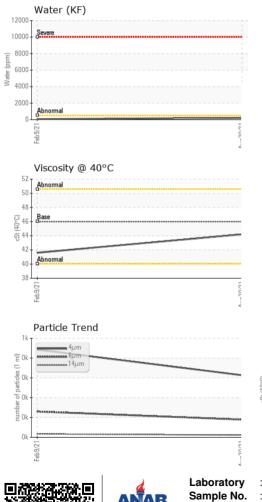
		<u>.</u>	Feb2021	Aug2021		
SAMPLE INFORM	MATION	method				history2
Sample Number		Client Info		KC100457	KC91411	
Sample Date		Client Info		20 Aug 2021	09 Feb 2021	
Machine Age	hrs	Client Info		81698	80534	
Oil Age	hrs	Client Info		1164	2620	
Oil Changed		Client Info		Not Changd	Changed	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m	>3	<1	<1	
Titanium	ppm	ASTM D5185m	>3	0	0	
Silver	ppm	ASTM D5185m	>2	0	<1	
Aluminum	ppm	ASTM D5185m		0	<1	
Lead	ppm	ASTM D5185m	>10	0	<1	
Copper	ppm	ASTM D5185m		2	2	
Tin		ASTM D5185m	>10	<u>د</u> <1	0	
	ppm		>10	<1	0	
Antimony	ppm	ASTM D5185m		-		
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		12	10	
Barium	ppm	ASTM D5185m	90	0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium	ppm	ASTM D5185m	90	31	14	
Calcium	ppm	ASTM D5185m	2	0	0	
Phosphorus	ppm	ASTM D5185m		<1	5	
Zinc	ppm	ASTM D5185m		<1	0	
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	
Sodium	ppm	ASTM D5185m		10	8	
Potassium	ppm	ASTM D5185m	>20	2	2	
Water	%	ASTM D6304	>0.05	0.022	0.006	
ppm Water	ppm	ASTM D6304	>500	220.5	65.3	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		313	442	
Particles >6µm		ASTM D7647	>1300	89	130	
Particles >14µm		ASTM D7647	>80	11	17	
Particles >21µm		ASTM D7647	>20	3	6	
Particles >38μm		ASTM D7647	>4	0	0	
Particles >71µm		ASTM D7647		0	0	
Oil Cleanliness		ISO 4406 (c)	>/17/13	14/11	14/11	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.301	0.358	
	ing NOTI/y		0.7	0.001	0.000	

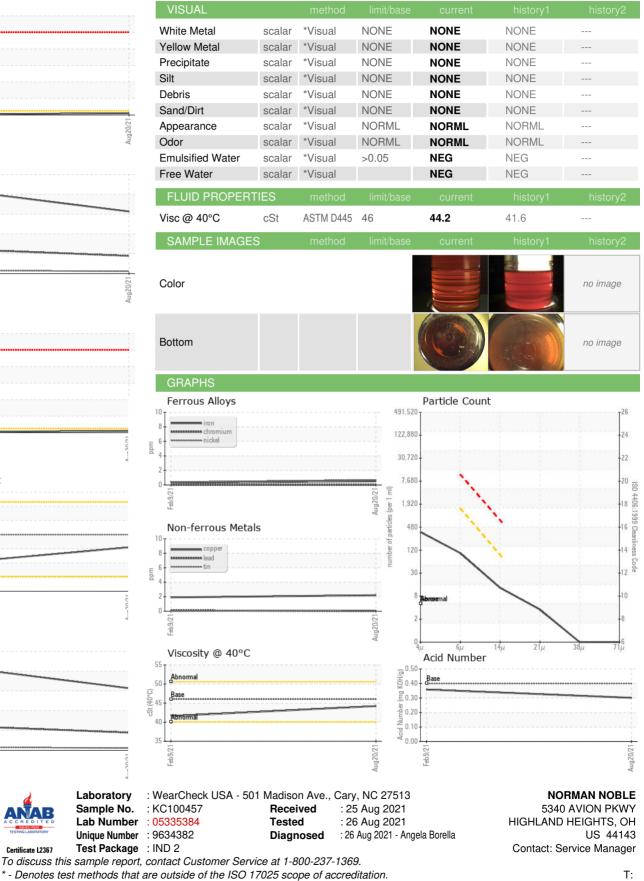


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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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