

OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Machine Id KAESER BSD 50 4822107 (S/N 1016)

Component Compressor

Fluid KAESER SIGMA (OEM) S-460 (--- QTS)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

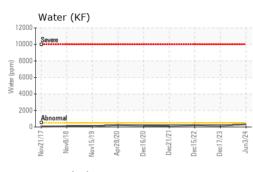
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

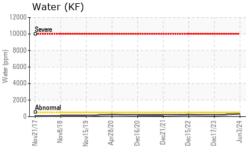
Sample Date Client Info 03 Jun 2024 17 Dec 2023 15 Dec 2 Machine Age hrs Client Info 12638 12367 11921 Oil Age hrs Client Info 330 0 320 0 Oil Changed Client Info Not Changd Nore MALL NORMAL NORMAL NORMAL NORMAL WEAR METALS method Imit/base current history1 history1 history1 Iron ppm ASTM D5185n >50 0 0 0 0 Nickel ppm ASTM D5185n >3 0 0 0 0 Silver ppm ASTM D5185n >10 0	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 12638 12367 11921 Oil Age hrs Client Info 330 0 820 Oil Changed Client Info 330 0 820 Sample Status Imation ABNORMAL NORMAL NORMAL WEAR METALS method Imit/base current history1 history1 Iron ppm ASTM D5185m >50 0 0 <1	Sample Number		Client Info		KC130692	KC122016	KC107994
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WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 0 <1	Oil Changed		Client Info		Not Changd	Changed	N/A
Iron ppm ASTM D5185m >50 0 0 <1 Chromium ppm ASTM D5185m >10 <1	Sample Status				ABNORMAL	NORMAL	NORMAL
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Sodium ppm ASTM D5185m 9 16 19 Potassium ppm ASTM D5185m >20 2 <1	CONTAMINANTS		method	limit/base	current	history1	history2
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Particles >38μm ASTM D7647 >4 1 1 Particles >71μm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13 18/16/ FLUID DEGRADATION method limit/base current history1 history1	Particles >14µm		ASTM D7647	>80		47	41
Particles >71μm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13 18/16/ FLUID DEGRADATION method limit/base current history1 history1	Particles >21µm		ASTM D7647	>20		15	10
Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13 18/16/ FLUID DEGRADATION method limit/base current history1 history1	Particles >38µm		ASTM D7647	>4		1	1
FLUID DEGRADATION method limit/base current history1 histo	Particles >71µm		ASTM D7647	>3		0	0
	Oil Cleanliness		ISO 4406 (c)	>/17/13		19/17/13	18/16/13
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN) mg KOHg ASTM D8045 0.4 0.39 0.37 0.37	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.39	0.37	0.37

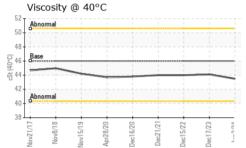
Contact/Location: SERVICE MANAGER - PPGALL Page 1 of 2



OIL ANALYSIS REPORT

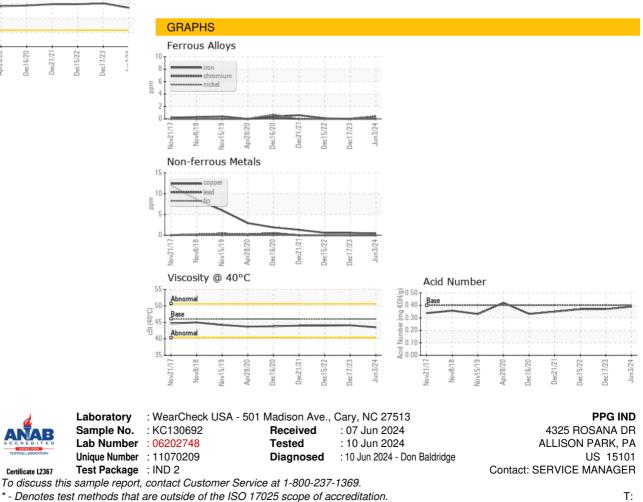






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	🔺 MODER	NONE	NONE
Sand/Dirt	scalar	*Visual	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	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	43.5	44.1	44.0
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				•		

Bottom



Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: PPGALL [WUSCAR] 06202748 (Generated: 06/10/2024 13:32:11) Rev: 1

Certificate 12367

Laboratory

Sample No.

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