

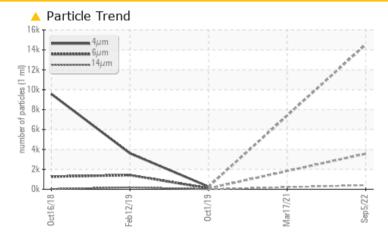
PROBLEM SUMMARY

KAESER DSD 175 4434887 (S/N 1032)

Compressor

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TES	ST RESULTS				
Sample Status			ABNORMAL	ABNORMAL	NORMAL
Particles >6µm	ASTM D7647	>1300	A 3570		92
Particles >14µm	ASTM D7647	>80	408		7
Particles >21µm	ASTM D7647	>20	<u> </u>		2
Particles >38µm	ASTM D7647	>4	4 14		0
Oil Cleanliness	ISO 4406 (c)	>/17/13	A 21/19/16		14/10

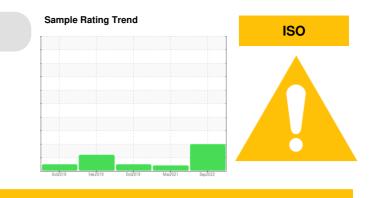
Customer Id: WESDAL Sample No.: KCP48368 Lab Number: 05633634 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 <u>dougb@wearcheckusa.com</u>

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>



RECOMMENDED AC	TIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.

HISTORICAL DIAGNOSIS

VIS DEBRIS



Oil and 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.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN

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

view report

01 Oct 2019 Diag: Don Baldridge

17 Mar 2021 Diag: Angela Borella



view report



12 Feb 2019 Diag: Don Baldridge

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Built for a lifetime.

Machine Id KAESER DSD 175 4434887 (S/N 1032) Component

Compressor

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

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

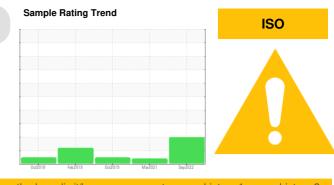
All component wear rates are normal.

Contamination

There is a high amount of particulates 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 Number KCP48868 KCP28867 KCP17831 Sample Date IO 05 Sep 2022 17 Mar 2021 IO Cot 2019 Machine Age hrs O 55477 43208 Oll Age hrs O 5495 6200 Oll Age Image NA Changed Changed Sample Status Image method Mitko 5555 ABNORMAL ABNORMAL NORMAL Chromium ppm ASTM 051555 >50 1 O O Chromium ppm ASTM 051555 >2 O O O Silver ppm ASTM 051555 >2 O O O Silver ppm ASTM 051555 >5 S S G O O Auminum ppm ASTM 051555 >1 O O O O Vanadium ppm ASTM 051555 >1 O O O O Autiminum ppm	SAMPLE INFORM	IATION	method	limit/base	current	history 1	history 2
Machine Age Oil Age Oil Age Nainsiii	Sample Number				KCP48368	KCP28487	KCP17831
Oil Age hrs Image Sample Status Changed ABNORMAL NORMAL <th>Sample Date</th> <th></th> <th></th> <th></th> <th>05 Sep 2022</th> <th>17 Mar 2021</th> <th>01 Oct 2019</th>	Sample Date				05 Sep 2022	17 Mar 2021	01 Oct 2019
Oli Changed Image Image N/A Changed Changed Changed Sample Status Image Image Current ABNORMAL ABNORMAL NORMAL WEAR METALS method Imil/base current history 1 history 2 Iron ppm ASTM D5185m >50 1 0 0 Ohronium ppm ASTM D5185m >30 0 0 0 Nickel ppm ASTM D5185m >30 0 0 0 Silver ppm ASTM D5185m >30 0 0 0 Lead ppm ASTM D5185m >10 <1 0 0 Cadmium ppm ASTM D5185m >50 5 8 6 Tin ppm ASTM D5185m >50 5 8 6 Antimony ppm ASTM D5185m 0 0 0 <1 ADDITIVES method Imil/base current history 1 history 2 Boron ppm ASTM D5185m 0 0 0 2 Molybdenum ppm ASTM D5185m 0 0 0 0 Barium	Machine Age	hrs			0	55647	43208
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FLUID DEGRADATION method limit/base current history 1 history 2	Particles >71µm		ASTM D7647	>3	0		0
	Oil Cleanliness		ISO 4406 (c)	>/17/13	A 21/19/16		14/10
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.51 0.410 0.570	FLUID DEGRADA	TION	method	limit/base	current	history 1	history 2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.51	0.410	0.570

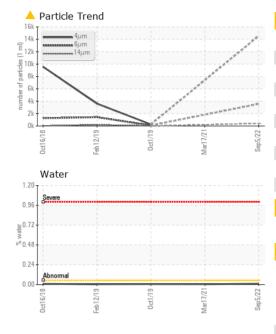
Acid Number (AN) Report Id: WESDAL [WUSCAR] 05633634 (Generated: 09/06/2022 18:23:11)

0.570 Contact/Location: SERVICE MANAGER ? - WESDAL



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OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history 1	history 2
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	LIGHT	🔺 MODER	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	history 1	history 2
FLUID PROPERT Visc @ 40°C	IES cSt	method ASTM D445	limit/base 46	current 45.3	history 1 45.4	history 2 46.2
	cSt					-
Visc @ 40°C	cSt	ASTM D445	46	45.3	45.4	46.2

