

OIL ANALYSIS REPORT



Machine Id

1210777 (S/N 1026) Component Compressor

Compressor Fluid KAESER SIGMA (OEM) M-460 (--- QTS)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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 condition of the oil is suitable for further service.

Sample Number Client Info KCPA018068 Sample Date In Client Info 20 May 2024 Oil Age hrs Client Info 3000 Oil Age hrs Client Info ABNORMAL Sample Status Imit Ass current history1 / / VeAR METALS method Imit Ass current history2 Inon ppm ASTM 05165 >50 0 Nickel ppm ASTM 05165 >30 0 Silver ppm ASTM 05165 >10 -1 Capper ppm ASTM 05165 >10 0 Cadmium ppm ASTM 05165 >10 0 AstM 05165 90 57 Cadmium pm ASTM 05165 90 57 </th <th>SAMPLE INFORM</th> <th>IATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age Oil Age Oil Age Oil Changed IC Client Info4701 IC Client Info4701 IC Client InfoSample StatusClient InfoChanged IC Client InfoASTM DS18snSOWEAR METALSmethodImil/base IC InternitionpmASTM DS18snSOWEAR METALSmethodImil/baseCurrentHistory1/NickelpmASTM DS18snSO0NickelpmASTM DS18snSA0SilverpmASTM DS18snSA0AuminumpmASTM DS18snSO4AuminumpmASTM DS18snSO4CopperpmASTM DS18snSO3AdminumpmASTM DS18snSO0ADDITIVESmethodImil/basecurrentImil/baseManganesepmASTM DS18sn00MolybdenumpmASTM DS18sn00ManganesepmASTM DS18sn0STManganesepmASTM DS18sn0ST	Sample Number		Client Info		KCPA018068		
Oil Age hrs Client Info 3000 Sample Status I Imit base Current history1 history2 WEAR METALS method limit base current history1 history2 Iron ppm ASTM 05185m >50 0 Nickel ppm ASTM 05185m >3 0 Aluminum ppm ASTM 05185m >3 0 Aluminum ppm ASTM 05185m >10 <1 Aluminum ppm ASTM 05185m >10 <1 Adadium ppm ASTM 05185m >10 0 Adadium ppm ASTM 05185m 0 0 Adadium ppm ASTM 05185m 0 0 Adadium ppm ASTM 05185m 0 0	Sample Date		Client Info		28 May 2024		
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Silver ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 <1	Titanium		ASTM D5185m	>3	0		
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	Oil Cleanliness		ISO 4406 (c)	>/17/13	20/19/16		
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.36	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.36		



Built for a lifetime

14µm

🔺 Particle Trend

10

6k

4

2

0

1200

1000

800 (maa)

600 Water 400

200

1.20

(B/H0.9 E0.72

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P 0.2

0.00

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600 Water (

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200

60

55

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40

35

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Abnorma

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1au 28/2

C/80/201

Water (KF)

Acid Number

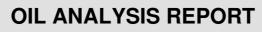
Water (KF)

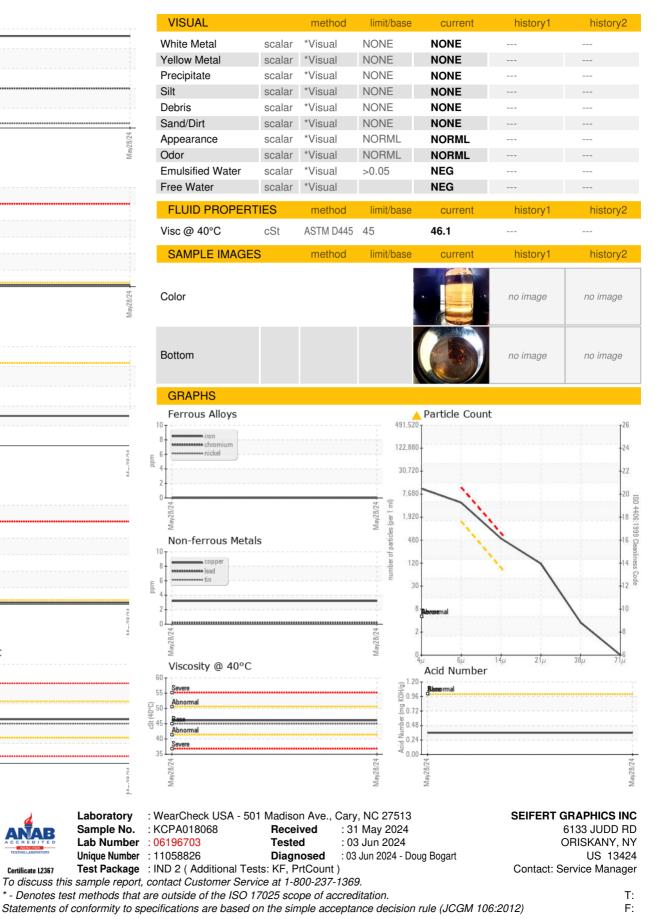
Abnormal n Aav 28/

Viscosity @ 40°C

n l

of particles (1





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Contact/Location: Service Manager - SEIORI Page 2 of 2