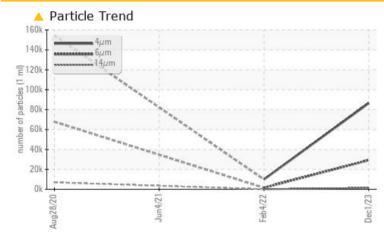




#### Machine Id **1584198 (S/N 1216)** Component

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

## COMPONENT CONDITION SUMMARY



#### 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.

#### **PROBLEMATIC TEST RESULTS** Sample Status ABNORMAL ATTENTION ABNORMAL 1503 Particles >6µm ASTM D7647 >1300 29192 Particles >14µm ASTM D7647 >80 **1408** 54 ASTM D7647 >20 Particles >21µm 267 14 Particles >38µm ASTM D7647 >4 Δ 5 0 **Oil Cleanliness** ISO 4406 (c) >--/17/13 🔺 24/22/18 🔺 18/13

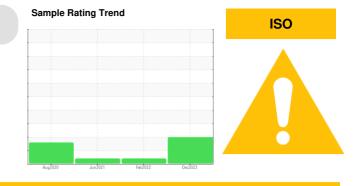
Customer Id: SIGGARNC Sample No.: KCPA010813 Lab Number: 06027175 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 don.b505@comcast.net

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



#### **RECOMMENDED ACTIONS**

There are no recommended actions for this sample.

#### **HISTORICAL DIAGNOSIS**

#### 04 Feb 2022 Diag: Doug Bogart



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 moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

#### 04 Jun 2021 Diag: Doug Bogart

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.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.

#### 28 Aug 2020 Diag: Don Baldridge

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.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.





view report

#### Report Id: SIGGARNC [WUSCAR] 06027175 (Generated: 12/08/2023 15:17:29) Rev: 1



## **OIL ANALYSIS REPORT**

# Sample Rating Trend ISO

Machine Id 1584198 (S/N 1216) Component

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

## 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.

## 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.

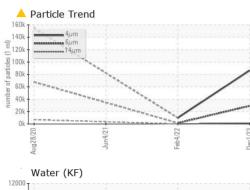
Sample Number         Client Info         KCPA10813         KCPA3982         KCP3308           Sample Date         Client Info         01 Dec 2023         04 Feb 2022         04 Jun 2021           Machine Age         hrs         Client Info         0         1992         0           Oil Age         hrs         Client Info         N/A         Changed         Not Changed           Sample Status         n         method         imit/base         current         history!         history!           Inon         ppm         ASTM 05185m         >50         <1         1         2           Chromium         ppm         ASTM 05185m         >3         0         0         0           Silver         ppm         ASTM 05185m         >3         0         0         0           Silver         ppm         ASTM 05185m         >10         0         0         0           Artimony         ppm         ASTM 05185m         >10         0         0         0           Artimony         ppm         ASTM 05185m         >10         0         0         0           Artimony         ppm         ASTM 05185m         0         0         0         0 <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         hrs         Client Info         71280         66045         64053           Oil Age         hrs         Client Info         0         1992         0           Oil Changed         Client Info         N/A         Changed         Not Changed           Sample Status         Image         Client Info         N/A         ABNORMAL         ATTENTION         ABNORMAL           WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM 05185m         >30         0         0         0           Nickel         ppm         ASTM 05185m         >30         0         0         0           Silver         ppm         ASTM 05185m         >10         2         3         0           Lead         ppm         ASTM 05185m         >10         0         0         0           Antimony         ppm         ASTM 05185m         0         0         0         0           Antimony         ppm         ASTM 05185m         0         -1         1         1           Baron         pm         ASTM 05185m         0         -1         -1         1	Sample Number		Client Info		KCPA010813	KCP34962	KCP32308
Oil Age         hrs         Client Info         0         1992         0           Oil Changed         Client Info         N/A         Changed         Not Changed           Sample Status         method         Imitbase         current         history1         history2           KeAR METALS         method         Imitbase         current         history1         history1           Iron         ppm         ASTM 05185m         >50         <1	Sample Date		Client Info		01 Dec 2023	04 Feb 2022	04 Jun 2021
Oli Changed Sample Status         Client Info         N/A         Changed ABNORMAL         Not Changed ATTENTION         Not Changed ABNORMAL           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185n         >50         <1	Machine Age	hrs	Client Info		71280	66045	64053
Sample Status         method         Imit/base         current         history1         ABNORMAL           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5165n         >50         <1	Oil Age	hrs	Client Info		0	1992	0
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185n         >50         <1	Oil Changed		Client Info		N/A	Changed	Not Changd
Iron         ppm         ASTM D5185m         >50         <1         1         2           Chromium         ppm         ASTM D5185m         >10         <1	Sample Status				ABNORMAL	ATTENTION	ABNORMAL
Chromium         ppm         ASTM D5185m         >10         <1         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Auminum         ppm         ASTM D5185m         >10         2         3         0           Lead         ppm         ASTM D5185m         >10         0         <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         >3         0         0         0           Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >10         2         3         0           Aluminum         ppm         ASTM D5185m         >10         0         <1	Iron	ppm	ASTM D5185m	>50	<1	1	2
Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >10         2         3         0           Lead         ppm         ASTM D5185m         >50         2         2         3         3           Copper         ppm         ASTM D5185m         >50         2         2         3         3           Tin         ppm         ASTM D5185m         >50         2         2         3         3           Vanadium         ppm         ASTM D5185m         0         0         0         0         0           Addium         ppm         ASTM D5185m         0         0         <1	Chromium	ppm	ASTM D5185m	>10	<1	0	0
Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >10         2         3         0           Lead         ppm         ASTM D5185m         >10         0         <1	Nickel	ppm	ASTM D5185m	>3	0	0	0
Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >10         2         3         0           Lead         ppm         ASTM D5185m         >10         0         <1	Titanium		ASTM D5185m	>3	0	0	0
Atuminum         ppm         ASTM D5185m         >10         2         3         0           Lead         ppm         ASTM D5185m         >10         0         <1	Silver		ASTM D5185m	>2	0	0	0
Lead         ppm         ASTM D5185m         >10         0         <1         <1           Copper         ppm         ASTM D5185m         >50         2         2         3           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m          <1	Aluminum			>10			0
Copper         ppm         ASTM D5185m         >50         2         2         3           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         90         0         <1					0		<1
Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m          <1							
Antimony         ppm         ASTM D5185m          <1         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1							
Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1         1           Barium         ppm         ASTM D5185m         0         <1         1           Barium         ppm         ASTM D5185m         0         <1         1           Molybdenum         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         0         <11         <1           Magnesium         ppm         ASTM D5185m         0         <13         <1           Calcium         ppm         ASTM D5185m         2         2         <1         3           Sulfur         ppm         ASTM D5185m         0         5         6           Zinc         ppm         ASTM D5185m         2         2         2         3           Sulfur         ppm         ASTM D5185m         20         2 <td></td> <td></td> <td></td> <td>-</td> <th></th> <td></td> <td></td>				-			
Cadmium         pm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1	•						
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1							
Boron         ppm         ASTM D5185m         0         <1         1           Barium         ppm         ASTM D5185m         90         0         <1		19 P. I.I		limit/baca	-		
Barium         ppm         ASTM D5185m         90         0         <1         <1           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Manganese         ppm         ASTM D5185m         90         44         53         61           Magnesium         ppm         ASTM D5185m         90         44         53         61           Calcium         ppm         ASTM D5185m         90         44         53         61           Calcium         ppm         ASTM D5185m         90         5         6         5         6           Zinc         ppm         ASTM D5185m         0         8         9         5           Sulfur         ppm         ASTM D5185m         0         8         9           Sulfur         ppm         ASTM D5185m         25         <1				inniv base			
Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         90         44         53         61           Magnesium         ppm         ASTM D5185m         90         44         53         61           Calcium         ppm         ASTM D5185m         90         44         53         61           Calcium         ppm         ASTM D5185m         9         2         2         <1		ppm					
Manganese       ppm       ASTM D5185m       0       <1       <1         Magnesium       ppm       ASTM D5185m       90       44       53       61         Calcium       ppm       ASTM D5185m       2       2       <1       3         Phosphorus       ppm       ASTM D5185m       0       5       6         Zinc       ppm       ASTM D5185m       0       8       9         Sulfur       ppm       ASTM D5185m       0       8       9         Sulfur       ppm       ASTM D5185m       0       8       9         Sulfur       ppm       ASTM D5185m       20       8       9         Solicon       ppm       ASTM D5185m       >25       <1       2       3         Sodium       ppm       ASTM D5185m       >20       2       2       3         Vater       %       ASTM D5185m       >20       2       2       3         Potassium       ppm       ASTM D5185m       >20       2       2       3         Putter       %       ASTM D6304       >0.05       0.014       0.017       0.028         ppm       ASTM D7647       86376		ppm		90	-		
Magnesium         ppm         ASTM D5185m         90         44         53         61           Calcium         ppm         ASTM D5185m         2         2         <1	-				-		
Calcium         ppm         ASTM D5185m         2         2         <1         3           Phosphorus         ppm         ASTM D5185m         0         5         6           Zinc         ppm         ASTM D5185m         0         8         9           Sulfur         ppm         ASTM D5185m         0         8         9           Sulfur         ppm         ASTM D5185m         0         8         9           Solifur         ppm         ASTM D5185m         0         8         9           Solicon         ppm         ASTM D5185m         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1	•	ppm			-		
Phosphorus         ppm         ASTM D5185m         0         5         6           Zinc         ppm         ASTM D5185m         0         8         9           Sulfur         ppm         ASTM D5185m         18619         20055         17035           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         2         3           Sodium         ppm         ASTM D5185m         >20         2         3         3           Potassium         ppm         ASTM D5185m         >20         2         2         3           Water         %         ASTM D5185m         >20         2         2         3           Water         %         ASTM D504         >0.05         0.014         0.017         0.028           ppm         ASTM D7647         86376         9858            Particles >4µm         ASTM D7647         >80         1408         54            Particles >14µm         ASTM D7647         >20         267         14            Particles >21µm         ASTM D7647	Ũ						
Zinc       ppm       ASTM D5185m       0       8       9         Sulfur       ppm       ASTM D5185m       18619       20055       17035         CONTAMINANTS       method       limit/base       current       history1       history2         Silicon       ppm       ASTM D5185m       >25       <1       2       3         Sodium       ppm       ASTM D5185m       >20       2       2       3         Potassium       ppm       ASTM D5185m       >20       2       2       3         Water       %       ASTM D6304       >0.05       0.014       0.017       0.028         ppm Water       ppm       ASTM D6304       >500       141       170.1       285.5         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >1300       29192       1503          Particles >4µm       ASTM D7647       >80       1408       54          Particles >21µm       ASTM D7647       >20       267       14          Particles >38µm       ASTM D7647       >3       0       0		ppm		2			
Sulfur         ppm         ASTM D5185m         18619         20055         17035           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         2         3           Sodium         ppm         ASTM D5185m         >20         2         2         3           Potassium         ppm         ASTM D5185m         >20         2         2         3           Water         %         ASTM D5185m         >20         2         2         3           Water         %         ASTM D5185m         >20         2         2         3           Potassium         ppm         ASTM D5185m         >20         2         2         3           Water         %         ASTM D5185m         >20         2         2         3           Ppm Water         ppm         ASTM D6304         >0.05         0.014         0.017         0.028           Particles >4µm         ASTM D7647         >1300         29192         1503            Particles >6µm         ASTM D7647         >80         1408         54					-		
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1		ppm			-		÷
Silicon       ppm       ASTM D5185m       >25       <1       2       3         Sodium       ppm       ASTM D5185m       10       17       28         Potassium       ppm       ASTM D5185m       >20       2       2       3         Water       %       ASTM D6304       >0.05       0.014       0.017       0.028         ppm Water       ppm       ASTM D6304       >500       141       170.1       285.5         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       86376       9858          Particles >6µm       ASTM D7647       >1300       29192       1503          Particles >6µm       ASTM D7647       >80       1408       54          Particles >14µm       ASTM D7647       >20       267       14          Particles >21µm       ASTM D7647       >3       0       0          Particles >71µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)      /17/13       24/22/18       18/13 <td>Sulfur</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>18619</th> <td>20055</td> <td>17035</td>	Sulfur	ppm	ASTM D5185m		18619	20055	17035
Sodium         ppm         ASTM D5185m         10         17         28           Potassium         ppm         ASTM D5185m<>20         2         2         3           Water         %         ASTM D6304         >0.05         0.014         0.017         0.028           ppm Water         ppm         ASTM D6304         >500         141         170.1         285.5           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         86376         9858            Particles >6µm         ASTM D7647         >1300         29192         1503            Particles >14µm         ASTM D7647         >80         1408         54            Particles >14µm         ASTM D7647         >20         267         14            Particles >38µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >/17/13         24/22/18         18/13            FLUID DEGRADATION	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium       ppm       ASTM D5185m       >20       2       2       3         Water       %       ASTM D6304       >0.05       0.014       0.017       0.028         ppm       Water       ppm       ASTM D6304       >500       141       170.1       285.5         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       86376       9858          Particles >6µm       ASTM D7647       >1300       29192       1503          Particles >6µm       ASTM D7647       >80       1408       54          Particles >14µm       ASTM D7647       >20       267       14          Particles >21µm       ASTM D7647       >4       5       0          Particles >38µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)       >/17/13       24/22/18       18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	Silicon	ppm	ASTM D5185m	>25	<1	2	3
Water       %       ASTM D6304       >0.05       0.014       0.017       0.028         ppm Water       ppm       ASTM D6304       >500       141       170.1       285.5         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       86376       9858          Particles >6µm       ASTM D7647       >1300       29192       1503          Particles >6µm       ASTM D7647       >80       1408       54          Particles >14µm       ASTM D7647       >20       267       14          Particles >21µm       ASTM D7647       >4       5       0          Particles >38µm       ASTM D7647       >3       0       0          Particles >71µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)      /17/13       24/22/18       18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	Sodium	ppm	ASTM D5185m		10	17	28
ppm Water         ppm         ASTM D6304         >500         141         170.1         285.5           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         86376         9858            Particles >6µm         ASTM D7647         >1300         29192         1503            Particles >6µm         ASTM D7647         >80         1408         54            Particles >14µm         ASTM D7647         >20         267         14            Particles >21µm         ASTM D7647         >4         5         0            Particles >38µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)        /17/13         24/22/18         18/13            FLUID DEGRADATION         method         limit/base         current         history1         history2	Potassium	ppm			2	2	3
FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       86376       9858          Particles >6µm       ASTM D7647       >1300       29192       1503          Particles >6µm       ASTM D7647       >80       1408       54          Particles >14µm       ASTM D7647       >20       267       14          Particles >21µm       ASTM D7647       >20       267       14          Particles >38µm       ASTM D7647       >4       5       0          Particles >71µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)       >/17/13       24/22/18       18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	Water	%	ASTM D6304	>0.05	0.014	0.017	0.028
Particles >4µm       ASTM D7647       86376       9858          Particles >6µm       ASTM D7647       >1300       29192       1503          Particles >14µm       ASTM D7647       >80       1408       54          Particles >21µm       ASTM D7647       >20       267       14          Particles >21µm       ASTM D7647       >20       267       14          Particles >38µm       ASTM D7647       >4       5       0          Particles >71µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)       >/17/13       24/22/18       18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	ppm Water	ppm	ASTM D6304	>500	141	170.1	285.5
Particles >6µm       ASTM D7647       >1300       ▲ 29192       ▲ 1503          Particles >14µm       ASTM D7647       >80       ▲ 1408       54          Particles >21µm       ASTM D7647       >20       ▲ 267       14          Particles >38µm       ASTM D7647       >4       ▲ 5       0          Particles >71µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)       >/17/13       ▲ 24/22/18       ▲ 18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >14µm       ASTM D7647       >80       ▲ 1408       54          Particles >21µm       ASTM D7647       >20       ▲ 267       14          Particles >38µm       ASTM D7647       >4       ▲ 5       0          Particles >71µm       ASTM D7647       >3       0       0          Oil Cleanliness       ISO 4406 (c)       >/17/13       ▲ 24/22/18       ▲ 18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >4µm		ASTM D7647		86376	9858	
Particles >21µm         ASTM D7647         >20         ▲ 267         14            Particles >38µm         ASTM D7647         >4         ▲ 5         0            Particles >38µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >/17/13         24/22/18         18/13            FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >6µm		ASTM D7647	>1300	<u> 29192</u>	<u> </u>	
Particles >38μm         ASTM D7647         >4         ▲ 5         0            Particles >71μm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 24/22/18         ▲ 18/13            FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >14µm		ASTM D7647	>80	<b>1408</b>	54	
Particles >71μm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 24/22/18         ▲ 18/13            FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21µm		ASTM D7647	>20	<u> </u>	14	
Oil Cleanliness       ISO 4406 (c) >/17/13 ▲ 24/22/18 ▲ 18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >38µm		ASTM D7647	>4	<b>5</b>	0	
Oil Cleanliness       ISO 4406 (c) >/17/13 ▲ 24/22/18 ▲ 18/13          FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >71µm		ASTM D7647	>3	0	0	
					<b>A</b> 24/22/18	<b>1</b> 8/13	
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2

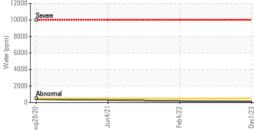
Report Id: SIGGARNC [WUSCAR] 06027175 (Generated: 12/08/2023 15:17:30) Rev: 1

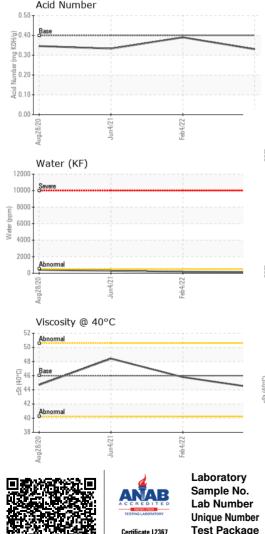
Contact/Location: R. GOODMAN - SIGGARNC



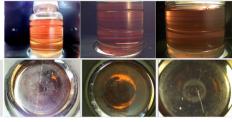
# **OIL ANALYSIS REPORT**



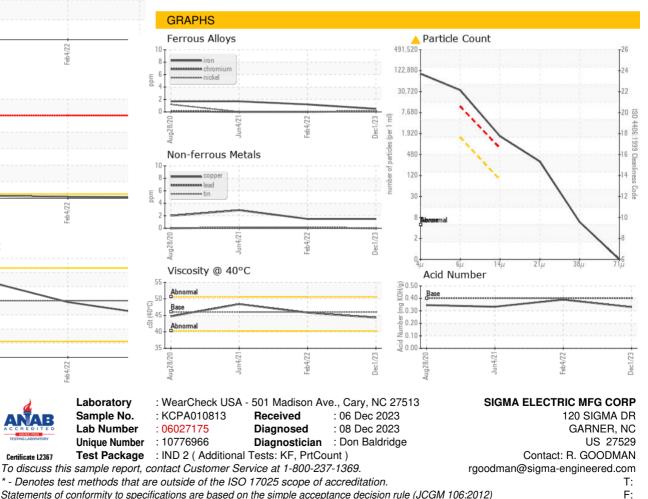




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	🔺 MODER
Sand/Dirt	scalar	*Visual	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	44.3	45.8	48.4
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color						



Bottom



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

Contact/Location: R. GOODMAN - SIGGARNC