

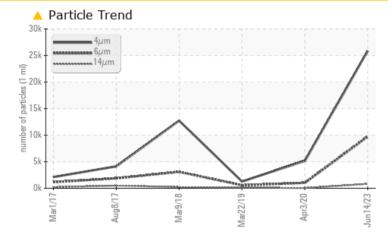
### **PROBLEM SUMMARY**

# KAESER AS25T 3934520 (S/N 1608)

**Compressor** 

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

### COMPONENT CONDITION SUMMARY



### 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.

#### **PROBLEMATIC TEST RESULTS** Sample Status NORMAL ABNORMAL **ATTENTION** Particles >6µm ASTM D7647 >1300 9742 1025 560 Particles >14µm ASTM D7647 >80 **A** 822 40 **1**24 Particles >21µm ASTM D7647 >20 **142** 11 57 **Oil Cleanliness** ISO 4406 (c) >17/13 **20/17** 17/12 ▲ 16/14

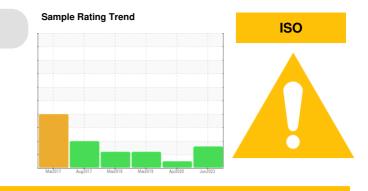
Customer Id: RICMEM Sample No.: KCP53979 Lab Number: 05962223 Test Package: IND 2



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			
Action	Status	Date	Done By	Description
Change Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

### HISTORICAL DIAGNOSIS



### 03 Apr 2020 Diag: Angela Borella

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. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





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

### 09 Mar 2018 Diag: Angela Borella



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.



view report

view report







### **OIL ANALYSIS REPORT**

#### Machine Id KAESER AS25T 3934520 (S/N 1608) Component

Compressor Fluid

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

### 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

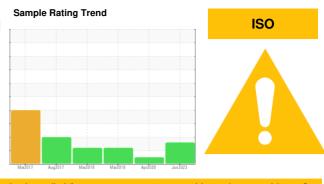
All component wear rates are normal.

### Contamination

There is a high amount of particulates present in the oil.

#### Fluid Condition

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



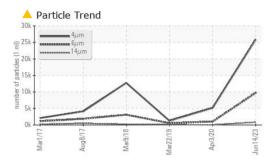
Sample Date         Image of the set of the	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         32586         27231         23750           Oil Age         hrs         Client Info         669         3481         3612           Oil Changed         Client Info         669         3481         3612           Sample Status         Imit/base         current         Nistory1         Nistory1           WEAR METALS         method         limit/base         current         Nistory1         Nistory2           Iron         ppm         ASTM 05185         >50         0         <1         0           Nickel         ppm         ASTM 05185         >30         0         0         0           Silver         ppm         ASTM 05185         >30         0         0         0           Itaainum         ppm         ASTM 05185         >50         1         14         16           Tin         ppm         ASTM 05185         >50         1         144         16           Tin         ppm         ASTM 05185         >50         1         14         16           Tin         ppm         ASTM 05185         >0         0         0         0           Antimony         ppm	Sample Number		Client Info		KCP53979	KCP24486	KCP18990
Machine Age     hrs     Client Info     32586     27231     23750       Oil Age     hrs     Client Info     689     3481     3612       Oil Changed     Client Info     ABNORMAL     NORMAL     ATTENTION       WEAR METALS     method     Imit/bas     current     history1     history2       Iron     ppm     ASTM05185m     >50     0     <1     0       Nickel     ppm     ASTM05185m     >50     0     0     0       Titanium     ppm     ASTM05185m     >30     0     0     0       Silver     ppm     ASTM05185m     >10     0     0     0       Itanium     ppm     ASTM05185m     >10     0     0     0       Clead     ppm     ASTM05185m     >10     0     0     0       Adaminum     ppm     ASTM05185m     >10     0     0     0       Vanadium     ppm     ASTM05185m     >10     0     0     0       Adaminum     ppm     ASTM05185m     0     0     0     0       Manease     ppm     ASTM05185m     0     0     0     0       Manease     ppm     ASTM05185m     0     0     0 <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>14 Jun 2023</th> <th>03 Apr 2020</th> <th>22 Mar 2019</th>	Sample Date		Client Info		14 Jun 2023	03 Apr 2020	22 Mar 2019
Oli Changed Sample Status         Client Info         Changed ABNORMAL         Changed NORMAL         Changed ATTENTION           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         <1         0           Chromium         ppm         ASTM D5185m         >30         0         0         0           Nickel         ppm         ASTM D5185m         >33         0         0         0           Juminum         ppm         ASTM D5185m         >30         0         0         0           Lead         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         >10         0         0         0           Adatimum         ppm         ASTM D5185m         0         0 <td< th=""><th>Machine Age</th><th>hrs</th><th>Client Info</th><th></th><th>32586</th><th>27231</th><th>23750</th></td<>	Machine Age	hrs	Client Info		32586	27231	23750
Oil Changed Sample Status     Client Info     Changed ABNORMAL     Changed NORMAL     Changed ATTENTION       WEAR METALS     method     limit/base     current     history1     ATTENTION       WEAR METALS     method     limit/base     current     history1     no       Iron     ppm     ASTM D5185m     >50     0     <1     0       Chromium     ppm     ASTM D5185m     >30     0     0     0       Nickel     ppm     ASTM D5185m     >30     0     0     0       Aluminum     ppm     ASTM D5185m     >10     0     0     0       Lead     ppm     ASTM D5185m     >10     0     0     0       Antimony     ppm     ASTM D5185m     >10     0     0     0       Antimony     ppm     ASTM D5185m     10     0     0     0       Antimony     ppm     ASTM D5185m     0     0     0     0       Antimony     ppm     ASTM D5185m     0     0     0     0       Antimony     ppm     ASTM D5185m     0     <1     <1     0       Maindum     ppm     ASTM D5185m     0     <1     <1     0       Chromium     ppm	Oil Age	hrs	Client Info		689	3481	3612
Sample Status         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         <1         0           Chromium         ppm         ASTM D5185m         >30         0         0         0           Nickel         ppm         ASTM D5185m         >33         0         0         0           Tatanium         ppm         ASTM D5185m         >30         0         0         0           Aluminum         ppm         ASTM D5185m         >22         0         <1         0           Copper         ppm         ASTM D5185m         >10         0         0         0           Copper         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         50         1         14         16           Cadmium         ppm         ASTM D5185m         50         1         14         16           Cadmium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         1         1	-		Client Info		Changed	Changed	Changed
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         <1         0           Nickel         ppm         ASTM D5185m         >33         0         0         0           Nickel         ppm         ASTM D5185m         >33         0         0         0           Silver         ppm         ASTM D5185m         >2         0         <1         0           Aluminum         ppm         ASTM D5185m         >10         0         0         0           Auminum         ppm         ASTM D5185m         >10         0         0         0           Copper         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         10         0         0         0           ADDITIVES         method         imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         <1         <1	-				-	Ũ	
ron         ppm         ASTM D5185m         >50         0         <1	- -		method	limit/base	current	historv1	historv2
Chromium         ppm         ASTM D5185m         >10         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >10         0         0         0           Aduminum         ppm         ASTM D5185m         >10         0         0         0           Lead         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Antimony         ppm         ASTM D5185m         0         <1         <1         1           Boron         ppm         ASTM D5185m         0         <1         0         0           Molybdenum         ppm         ASTM D5185m         0         <1         0         0           Molybdenum         ppm         ASTM D5185m         0         2         2         2		nnm	ASTM D5185m		0		
Nickel         ppm         ASTM D5185m         >3         0         0         0           Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         <1         0           Aluminum         ppm         ASTM D5185m         >10         0         <1         0           Lead         ppm         ASTM D5185m         >50         1         14         16           Tin         ppm         ASTM D5185m         >50         1         14         16           Tin         ppm         ASTM D5185m         0         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Boron         ppm         ASTM D5185m         0         <1         <1         0           Magnesium         ppm         ASTM D5185m         0         <1         <1         0           Calcium         ppm         ASTM D5185m         0         2         2         2	-						
Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         <1         0           Aluminum         ppm         ASTM D5185m         >10         0         0         0           Lead         ppm         ASTM D5185m         >10         0         <1         0           Copper         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1         0         0           Magnesium         ppm         ASTM D5185m         0         <1         0         0           Galcium         ppm         ASTM D5185m         0         <1         0         0           Sulfur         ppm         ASTM D5185m         0         2         2 </th <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Silver       ppm       ASTM D5185m       >2       0       <1       0         Aluminum       ppm       ASTM D5185m       >10       0       <1       0         Lead       ppm       ASTM D5185m       >10       0       <1       14       16         Copper       ppm       ASTM D5185m       >10       0       0       0       0         Antimony       ppm       ASTM D5185m       0       0       0       0       0         Vanadium       ppm       ASTM D5185m       0       0       0       0       0         Admining       ppm       ASTM D5185m       0       <1       <1       11       16         Vanadium       ppm       ASTM D5185m       0       <1       <1       11       16       10         Admining       ppm       ASTM D5185m       0       <1       <1       11 <th< td=""><th></th><td></td><td></td><td></td><th></th><td></td><td></td></th<>							
Aluminum         ppm         ASTM D5185m         >10         0         0         0           Lead         ppm         ASTM D5185m         >10         0         <1					-		
Lead         ppm         ASTM D5185m         >10         0         <1         0           Copper         ppm         ASTM D5185m         >50         1         14         16           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         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							
Copper         ppm         ASTM D5185m         >50         1         14         16           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         -1         <1							
Tin       ppm       ASTM D5185m       >10       0       0       0         Antimony       ppm       ASTM D5185m        0       0         Vanadium       ppm       ASTM D5185m       0       0       0         Cadmium       ppm       ASTM D5185m       0       0       0       0         ADDITIVES       method       limit/base       current       history1       history2         Boron       ppm       ASTM D5185m       0       0       0       0         Manganese       ppm       ASTM D5185m       0       41       0         Magnesium       ppm       ASTM D5185m       0       67       4       41         Calcium       ppm       ASTM D5185m       90       67       4       41         Calcium       ppm       ASTM D5185m       0       2       3       0       0         Sulfur       ppm       ASTM D5185m       2       3       0       0       2         Sulfur       ppm       ASTM D5185m       2       2       41       41         Solium       ppm       ASTM D5185m       2       2       1       41      <							
Antimony         ppm         ASTM D5185m          0         0           Vanadium         ppm         ASTM D5185m         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1         <1           Barium         ppm         ASTM D5185m         0         <1         0           Maganese         ppm         ASTM D5185m         0         <1         0           Magnesium         ppm         ASTM D5185m         2         3         0         0           Calcium         ppm         ASTM D5185m         0         2         2         2           Sulfur         ppm         ASTM D5185m         25         2         <1         <1           Sulfur         ppm         ASTM D5185m         >20         3         0         <1           Sulfur         ppm         ASTM D5185m         >25         2         <1         <1         <5           Sulfur         ppm         ASTM D5185m							
Vanadium         ppm         ASTM D5185m         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1				>10	-		
Cadmium         pm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         pm         ASTM D5185m         0         <1	•						
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         <1	Vanadium	ppm					
Boron         ppm         ASTM D5185m         0         <1         <1           Barium         ppm         ASTM D5185m         90         0         0         0           Molybdenum         ppm         ASTM D5185m         0         <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium         ppm         ASTM D5185m         90         0         0         0           Molybdenum         ppm         ASTM D5185m         0         <1         0           Maganese         ppm         ASTM D5185m         90         67         4         <1           Calcium         ppm         ASTM D5185m         2         3         0         0           Phosphorus         ppm         ASTM D5185m         2         3         0         1           Sulfur         ppm         ASTM D5185m         >25         2         <1         <1           Sodium         ppm         ASTM D5185m         >25         2         <1         <1           Sodium         ppm         ASTM D5185m         >25         2         <1         <1           Sodium         ppm         ASTM D5185m         >20         3         0         <10	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         0         <1         0           Manganese         ppm         ASTM D5185m         90         67         4         <1	Boron	ppm	ASTM D5185m		0	<1	<1
Manganese       ppm       ASTM D5185m       <1       <1       0         Magnesium       ppm       ASTM D5185m       90       67       4       <1	Barium	ppm	ASTM D5185m	90	0	0	0
Magnesium         ppm         ASTM D5185m         90         67         4         <1           Calcium         ppm         ASTM D5185m         2         3         0         0           Phosphorus         ppm         ASTM D5185m         2         3         0         2         2           Zinc         ppm         ASTM D5185m         0         2         2         2           Sulfur         ppm         ASTM D5185m         8         23         <1           Sulfur         ppm         ASTM D5185m         17445         23444         24539           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         2         <1	Molybdenum	ppm	ASTM D5185m		0	<1	0
Magnesium       ppm       ASTM D5185m       90       67       4       <1         Calcium       ppm       ASTM D5185m       2       3       0       0         Phosphorus       ppm       ASTM D5185m       0       2       2         Zinc       ppm       ASTM D5185m       0       2       2         Sulfur       ppm       ASTM D5185m       0       2       2         Sulfur       ppm       ASTM D5185m       0       2       2         Soliton       ppm       ASTM D5185m       27       3       0         Soliton       ppm       ASTM D5185m       >25       2       <1       <1         Soliton       ppm       ASTM D5185m       >25       2       <1       <1       <1         Soliton       ppm       ASTM D5185m       >20       3       0       <1         Nethod       limit/base       current       history1       history2         Soliton       ppm       ASTM D5185m       >20       3       0       <1007         Potassium       ppm       ASTM D6304       >500       200.3       65.9       70         FLUID CLEANLINESS       meth	Manganese	ppm	ASTM D5185m		<1	<1	0
Calcium         ppm         ASTM D5185m         2         3         0         0           Phosphorus         ppm         ASTM D5185m         0         2         2           Zinc         ppm         ASTM D5185m         8         23         <1           Sulfur         ppm         ASTM D5185m         17445         23444         24539           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         2         <1         <1           Sodium         ppm         ASTM D5185m         >20         3         0         <1           Vater         %         ASTM D5185m         >20         3         0         <1           Water         %         ASTM D5185m         >20         3         0         <1           Water         %         ASTM D5185m         >20         3         0         <007           ppm         ASTM D5185m         >20         3         0         <1006         <007           ppm         ASTM D5185m         >20         3         0.0         <1000         <1007           Part	Magnesium	ppm	ASTM D5185m	90	67	4	<1
Phosphorus         ppm         ASTM D5185m         0         2         2           Zinc         ppm         ASTM D5185m         8         23         <1	Calcium		ASTM D5185m	2	3	0	0
Zinc         ppm         ASTM D5185m         8         23         <1	Phosphorus				0	2	2
Sulfur         ppm         ASTM D5185m         17445         23444         24539           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         2         <1	Zinc					23	<1
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         2         <1         <1           Sodium         ppm         ASTM D5185m         >25         2         <1         <1           Sodium         ppm         ASTM D5185m         >20         3         0         <1           Potassium         ppm         ASTM D5185m         >20         3         0         <1           Water         %         ASTM D6304         >0.05         0.020         0.006         0.007           ppm Water         ppm         ASTM D6304         >500         200.3         65.9         70           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         9742         1025         560           Particles >6µm         ASTM D7647         >80         822         40         124           Particles >14µm         ASTM D7647         >20         142         11         57           Particles >38µm         ASTM D7647         2         4         9 <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Silicon       ppm       ASTM D5185m       >25       2       <1				limit/baco		-	
Sodium         ppm         ASTM D5185m         27         3         0           Potassium         ppm         ASTM D5185m         >20         3         0         <1           Water         %         ASTM D6304         >0.05         0.020         0.006         0.007           ppm Water         ppm         ASTM D6304         >500         200.3         65.9         70           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         25860         5156         1270           Particles >6µm         ASTM D7647         >1300         9742         1025         560           Particles >14µm         ASTM D7647         >80         822         40         124           Particles >21µm         ASTM D7647         >20         142         11         57           Particles >38µm         ASTM D7647         >3         0         4         0           Oil Cleanliness         ISO 4406 (c)         >17/13         20/17         17/12         16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2							
Potassium         ppm         ASTM D5185m         >20         3         0         <1				>25			
Water         %         ASTM D6304         >0.05         0.020         0.006         0.007           ppm Water         ppm         ASTM D6304         >500         200.3         65.9         70           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         25860         5156         1270           Particles >6µm         ASTM D7647         >1300         9742         1025         560           Particles >14µm         ASTM D7647         >80         822         40         124           Particles >21µm         ASTM D7647         >20         142         11         57           Particles >38µm         ASTM D7647         >4         2         4         9           Particles >71µm         ASTM D7647         >3         0         4         0           Oil Cleanliness         ISO 4406 (c)         >17/13         20/17         17/12         16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2							
ppm Water         ppm         ASTM D6304         >500         200.3         65.9         70           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         25860         5156         1270           Particles >6µm         ASTM D7647         >1300         9742         1025         560           Particles >14µm         ASTM D7647         >80         822         40         124           Particles >21µm         ASTM D7647         >20         142         11         57           Particles >38µm         ASTM D7647         >4         2         4         9           Particles >71µm         ASTM D7647         >3         0         4         0           Oil Cleanliness         ISO 4406 (c)         >17/13         20/17         17/12         16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2							
FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       25860       5156       1270         Particles >6µm       ASTM D7647       >1300       9742       1025       560         Particles >6µm       ASTM D7647       >80       & 822       40       ▲ 124         Particles >14µm       ASTM D7647       >20       ▲ 142       11       ▲ 577         Particles >21µm       ASTM D7647       >20       ▲ 142       11       ▲ 577         Particles >38µm       ASTM D7647       >4       2       4       9         Particles >71µm       ASTM D7647       >3       0       4       0         Oil Cleanliness       ISO 4406 (c)       >17/13       20/17       17/12       16/14         FLUID DEGRADATION       method       limit/base       current       history1       history2		%					
Particles >4μm       ASTM D7647       25860       5156       1270         Particles >6μm       ASTM D7647       >1300       9742       1025       560         Particles >14μm       ASTM D7647       >80       822       40       124         Particles >21μm       ASTM D7647       >20       142       11       57         Particles >21μm       ASTM D7647       >4       2       4       9         Particles >38μm       ASTM D7647       >3       0       4       0         Oil Cleanliness       ISO 4406 (c)       >17/13       20/17       17/12       16/14         FLUID DEGRADATION       method       limit/base       current       history1       history2			ASTM D6304	>500	200.3		70
Particles >6µm       ASTM D7647       >1300       ▲ 9742       1025       560         Particles >14µm       ASTM D7647       >80       ▲ 822       40       ▲ 124         Particles >21µm       ASTM D7647       >20       ▲ 142       11       ▲ 57         Particles >38µm       ASTM D7647       >4       2       4       ④ 9         Particles >38µm       ASTM D7647       >3       0       4       0         Oil Cleanliness       ISO 4406 (c)       >17/13       ▲ 20/17       17/12       ▲ 16/14         FLUID DEGRADATION       method       limit/base       current       history1       history2		ESS		limit/base			
Particles >14µm       ASTM D7647       >80       ▲ 822       40       ▲ 124         Particles >21µm       ASTM D7647       >20       ▲ 142       11       ▲ 57         Particles >38µm       ASTM D7647       >4       2       4       ● 9         Particles >71µm       ASTM D7647       >3       0       4       0         Oil Cleanliness       ISO 4406 (c)       >17/13       ▲ 20/17       17/12       ▲ 16/14         FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >4µm						
Particles >21μm         ASTM D7647         >20         ▲ 142         11         ▲ 57           Particles >38μm         ASTM D7647         >4         2         4         9           Particles >71μm         ASTM D7647         >3         0         4         0           Oil Cleanliness         ISO 4406 (c)         >17/13         ▲ 20/17         17/12         ▲ 16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2							
Particles >38μm         ASTM D7647         >4         2         4         ● 9           Particles >71μm         ASTM D7647         >3         0         4         0           Oil Cleanliness         ISO 4406 (c)         >17/13         ▲ 20/17         17/12         ▲ 16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2						40	
Particles >71μm         ASTM D7647         >3         0         4         0           Oil Cleanliness         ISO 4406 (c)         >17/13         ▲ 20/17         17/12         ▲ 16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21µm		ASTM D7647	>20	<u> </u>	11	<b>5</b> 7
Oil Cleanliness         ISO 4406 (c)         >17/13         20/17         17/12         16/14           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >38µm		ASTM D7647	>4	2	4	<b>9</b>
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	4	0
	Oil Cleanliness		ISO 4406 (c)	>17/13	<b>20/17</b>	17/12	▲ 16/14
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.33 0.344 0.466	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.33	0.344	0.466

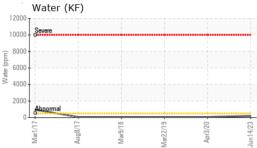
Report Id: RICMEM [WUSCAR] 05962223 (Generated: 09/28/2023 14:08:50) Rev: 1

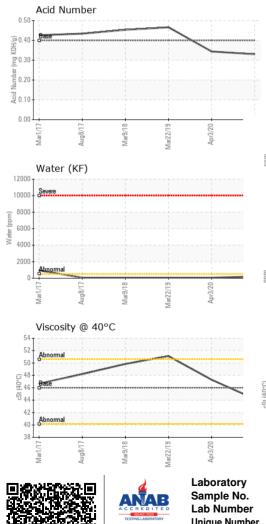
Contact/Location: SERVICE MANAGER - RICMEM



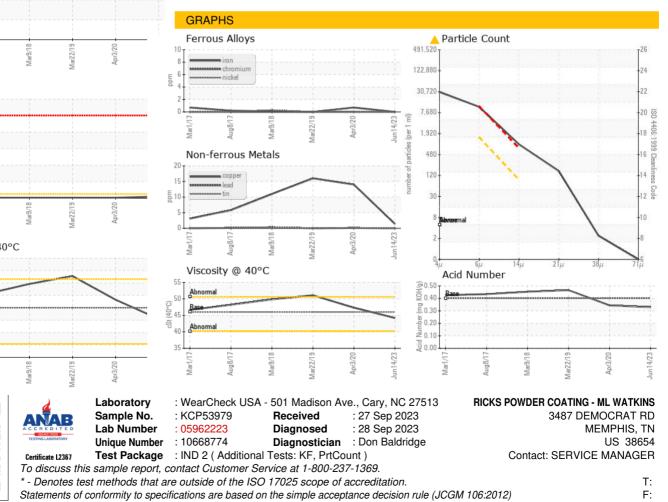
## **OIL ANALYSIS REPORT**







VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	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	VLITE
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	<b>FIES</b>	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	44.2	47.3	51.1
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						
Bottom						



Contact/Location: SERVICE MANAGER - RICMEM