

# **OIL ANALYSIS REPORT**

### Sample Rating Trend



# Machine Id 7693948 (S/N 1091) Component

**Compressor** 

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

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination 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 Into   KC98217   KC93690      Sample Date   Into   20 Feb 2023   17 Feb 2022      Machine Age   hrs   Client Info   1400   1305      Oil Age   hrs   Client Info   1400   1305      Sample Status   Image   Client Info   Changed   Changed      WEAR METALS   method   Imit/base   current   history1   history1     Iron   ppm   ASTM D5185m   >3   0   0      Nickel   ppm   ASTM D5185m   >3   0   0      Aluminum   ppm   ASTM D5185m   >3   0   0      Lead   ppm   ASTM D5185m   >10   0   0      Antimomy   ppm   ASTM D5185m   >10   0   0      Antimomy   ppm   ASTM D5185m   0   0       Antimomy				Feb2022	Feb2023		
Sample Date   Client Info   20 Feb 2023   17 Feb 2022      Machine Age   hrs   Client Info   2778   1305      Oil Age   hrs   Client Info   1400   1305      Oil Changed   Client Info   Changed   Changed       Sample Status   Client Info   Changed   Changed       WEAR METALS   method   imit/base   current   history1   history1     Iron   ppm   ASTM 05185m   >10   0       Nickel   ppm   ASTM 05185m   >3   0   0      Silver   ppm   ASTM 05185m   >10   3    0     Copper   ppm   ASTM 05185m   >10   0    0      Antimomy   ppm   ASTM 05185m   0   0    0      Antimomy   ppm   ASTM 05185m   0   0	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age   hrs   Client Info   2778   1305      Oil Age   hrs   Client Info   1400   1305      Oil Changed   Client Info   1400   1305    O     Sample Status   Imit/base   Current   history1    NoRMAL     WEAR METALS   method   Imit/base   current   history1      Nickel   ppm   ASTM D5185m   >50   <1   1      Silver   ppm   ASTM D5185m   >3   0   0      Aluminum   ppm   ASTM D5185m   >3   0   0      Aluminum   ppm   ASTM D5185m   >10   3   7      Autimony   ppm   ASTM D5185m   >10   <1   0      Copper   ppm   ASTM D5185m   0   0   0      Copper   ppm   ASTM D5185m   0   0	Sample Number		Client Info		KC98217	KC93690	
Machine Age   hrs   Client Info   2778   1305      Oil Age   hrs   Client Info   1400   1305      Sample Status   Imit/base   Current   NoRMAL   ABNORMAL      WEAR METALS   method   Imit/base   current   history1      WEAR METALS   method   Imit/base   current   history1      Chromium   ppm   ASTM D5185m   >50   <1   1      Silver   ppm   ASTM D5185m   >3   0   0      Aluminum   ppm   ASTM D5185m   >10   0   0      Auminum   ppm   ASTM D5185m   >10   0       Auminum   ppm   ASTM D5185m   50   4       Auminum   ppm   ASTM D5185m   0   0       Copper   ppm   ASTM D5185m   0	Sample Date		Client Info		20 Feb 2023	17 Feb 2022	
Oil Changed Sample Status   Client Info   Changed NORMAL   Changed ABNORMAL      WEAR METALS   method   limit/base   current   history1   history1     WeAR METALS   method   limit/base   current   history1   history1     Iron   ppm   ASTM D5185m   >50   <11   1      Chromium   ppm   ASTM D5185m   >30   0   0      Nickel   ppm   ASTM D5185m   >33   0   0      Aluminum   ppm   ASTM D5185m   >10   3   7      Lead   ppm   ASTM D5185m   >10   0   0      Antimony   ppm   ASTM D5185m   0   0      Bar	Machine Age	hrs	Client Info		2778	1305	
Oil Changed Sample Status   Client Info   Changed NORMAL   Changed ABNORMAL 	•	hrs	Client Info		1400	1305	
Sample Status   method   Imit/base   current   history1   history1     Iron   ppm   ASTM D5165m   >50   <1   1      Chromium   ppm   ASTM D5165m   >3   0   0      Nickel   ppm   ASTM D5165m   >3   0   0      Silver   ppm   ASTM D5165m   >3   0   0      Aluminum   ppm   ASTM D5165m   >10   3   7      Aluminum   ppm   ASTM D5165m   >10   0   0      Copper   ppm   ASTM D5165m   >10   0   0      Antimony   ppm   ASTM D5165m   0   0   0      Cadmium   ppm   ASTM D5165m   0   0    0      ADDITIVES   method   Imit/base   current   history1   history1     Barium   ppm   ASTM D5165m   0 <t< th=""><th>-</th><td></td><td>Client Info</td><td></td><th>Changed</th><td>Changed</td><td></td></t<>	-		Client Info		Changed	Changed	
WEAR METALS   method   limit/base   current   history1   history1     Iron   ppm   ASTM D5165m   >50   <1   1      Chromium   ppm   ASTM D5165m   >3   0   0      Nickel   ppm   ASTM D5165m   >3   0   0      Silver   ppm   ASTM D5165m   >3   0   0      Auminum   ppm   ASTM D5165m   >10   3   7      Lead   ppm   ASTM D5165m   >10   0   0      Copper   ppm   ASTM D5165m   >10   1   0      Antimony   ppm   ASTM D5165m   0   1   0      Vanadium   ppm   ASTM D5165m   0   0   0      Antimony   ppm   ASTM D5165m   0   0       Addmium   ppm   ASTM D5165m   90   0   0<					-	÷	
Iron   ppm   ASTM D5185m   >50   <1			method	limit/base	current	history1	history2
Chromium   ppm   ASTM D5185m   >10   0   0      Nickel   ppm   ASTM D5185m   >3   0   0      Silver   ppm   ASTM D5185m   >3   0   0      Aluminum   ppm   ASTM D5185m   >10   3   7      Lead   ppm   ASTM D5185m   >10   0   0      Aduminum   ppm   ASTM D5185m   >10   3   7      Copper   ppm   ASTM D5185m   >10   1   0      Vanadium   ppm   ASTM D5185m   0   0   0      Addium   ppm   ASTM D5185m   0   0       Addium   ppm   ASTM D5185m   0   -1       Addium   ppm   ASTM D5185m   0   0       Addium   ppm   ASTM D5185m   0   11		nom	ASTM D5185m	>50	<i>c</i> 1		
Nickel   ppm   ASTM D5185m   >3   0   0      Titanium   ppm   ASTM D5185m   >3   0   0      Silver   ppm   ASTM D5185m   >2   0   0      Aluminum   ppm   ASTM D5185m   >10   3   7      Lead   ppm   ASTM D5185m   >10   0   0      Copper   ppm   ASTM D5185m   >50   4   4      Tin   ppm   ASTM D5185m   >50   4   4      Cadmium   ppm   ASTM D5185m   0   0   0      ADDTIVES   method   Imit/base   current   history1   history1     Boron   ppm   ASTM D5185m   0   0   0      Magnaese   ppm   ASTM D5185m   0   11      Magnesium   pm   ASTM D5185m   0   111	-						
Titanium   ppm   ASTM D5185m   >3   0   0      Silver   ppm   ASTM D5185m   >2   0   0      Aluminum   ppm   ASTM D5185m   >10   3   7      Lead   ppm   ASTM D5185m   >10   0   0      Copper   ppm   ASTM D5185m   >50   4   4      Antimony   ppm   ASTM D5185m   >10   <1   0      Antimony   ppm   ASTM D5185m   0   <1   0      Antimony   ppm   ASTM D5185m   0   0   0      Antimony   ppm   ASTM D5185m   0   0    0      Antimony   ppm   ASTM D5185m   0   0    0      ADDITIVES   method   limit/base   current   history    Magnesium   pm   ASTM D5185m   0					-		
Silver   ppm   ASTM D5185m   >2   0   0      Aluminum   ppm   ASTM D5185m   >10   3   7      Lead   ppm   ASTM D5185m   >10   0   0      Copper   ppm   ASTM D5185m   >50   4   4      Antimony   ppm   ASTM D5185m   >10   <1   0      Vanadium   ppm   ASTM D5185m   0   0   0      Cadmium   ppm   ASTM D5185m   0   0   0      ADDITIVES   method   limit/base   current   history1   history1     Boron   ppm   ASTM D5185m   0   0    0      Magneseum   ppm   ASTM D5185m   0   0    0      Calcium   ppm   ASTM D5185m   2   0   0      Silicon   ppm   ASTM D5185m   2<							
Aluminum   ppm   ASTM D5185m   >10   3   7      Lead   ppm   ASTM D5185m   >10   0   0      Copper   ppm   ASTM D5185m   >50   4   4      Antimony   ppm   ASTM D5185m   >10   <1   0      Antimony   ppm   ASTM D5185m   0   0   0      Cadmium   ppm   ASTM D5185m   0   0   0      ADDITIVES   method   limit/base   current   history1   history1     Boron   ppm   ASTM D5185m   0   0       Magnesium   ppm   ASTM D5185m   0   0       Magnesium   ppm   ASTM D5185m   0   22   27      Calcium   ppm   ASTM D5185m   0   111    201     Zinc   ppm   ASTM D5185m   25   <1					-		
Lead   ppm   ASTM D5185m   >10   0   0      Copper   ppm   ASTM D5185m   >50   4   4      Tin   ppm   ASTM D5185m   >10   <1   0      Antimony   ppm   ASTM D5185m   0   0      Vanadium   ppm   ASTM D5185m   0   0      Cadmium   ppm   ASTM D5185m   0   0      ADDITIVES   method   limit/base   current   history1   history1     Boron   ppm   ASTM D5185m   0   0    0     Marganese   ppm   ASTM D5185m   0   -11    0      Calcium   ppm   ASTM D5185m   90   22   27    21    21    21    21    21    21    21    21    2							
Copper   ppm   ASTM D5185m   >50   4   4      Tin   ppm   ASTM D5185m   >10   <1   0      Antimony   ppm   ASTM D5185m   >10   <1   0      Vanadium   ppm   ASTM D5185m   0   0   0      Cadmium   ppm   ASTM D5185m   0   0   0      ADDITIVES   method   limit/base   current   history1   history1     Boron   ppm   ASTM D5185m   0   <1      Barium   ppm   ASTM D5185m   0   <1      Magnesium   ppm   ASTM D5185m   0   22   27      Magnesium   ppm   ASTM D5185m   0   111       Zinc   ppm   ASTM D5185m   22   36       Silicon   ppm   ASTM D5185m   20   5   4  <					-		
Tin   ppm   ASTM D5185m   >10   <1					-		
Antimony   ppm   ASTM D5185m    0      Vanadium   ppm   ASTM D5185m   0   0      Cadmium   ppm   ASTM D5185m   0   0      ADDITIVES   method   limit/base   current   history1   history1     Barium   ppm   ASTM D5185m   0   0      Maganese   ppm   ASTM D5185m   90   0   0      Magnesium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   2   0   0      Zinc   ppm   ASTM D5185m   52   36       Sodium   ppm   ASTM D5185m   >20   5   4					-		
Vanadium   ppm   ASTM D5185m   0   0      Cadmium   ppm   ASTM D5185m   0   0      ADDITIVES   method   limit/base   current   history1   history1     Boron   ppm   ASTM D5185m   0   0   <1				>10			
Cadmium   ppm   ASTM D5185m   0   0      ADDITIVES   method   limit/base   current   history1   history     Boron   ppm   ASTM D5185m   0   <1      Barium   ppm   ASTM D5185m   90   0   0      Molybdenum   ppm   ASTM D5185m   90   0   <1      Magnesium   ppm   ASTM D5185m   0   0   <1      Calcium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   22   36      Zinc   ppm   ASTM D5185m   0   11    1     Solium   ppm   ASTM D5185m   >25   <1   <1      Solium   ppm   ASTM D5185m   >20   5   4      Solium   ppm   ASTM D6304   >0.05   0.008   0.021	•	ppm	ASTM D5185m				
ADDITIVES   method   limit/base   current   history1   history     Boron   ppm   ASTM D5185m   0   <1      Barium   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   0   <1      Manganese   ppm   ASTM D5185m   0   <1      Magnesium   ppm   ASTM D5185m   0   <1      Magnesium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   21       Zinc   ppm   ASTM D5185m   0   111       Sodium   ppm   ASTM D5185m   52   36       Sodium   ppm   ASTM D5185m   >20   5   4      Sodium   ppm   ASTM D5185m   >20   5   4      Potassium	Vanadium	ppm	ASTM D5185m		-		
Boron   ppm   ASTM D5185m   0   <1	Cadmium	ppm	ASTM D5185m		0	0	
Barium   ppm   ASTM D5185m   90   0   0      Molybdenum   ppm   ASTM D5185m   0   0      Manganese   ppm   ASTM D5185m   0       Magnesium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   11       Zinc   ppm   ASTM D5185m   0   111       Sodium   ppm   ASTM D5185m   52   36       Sodium   ppm   ASTM D5185m   10   5       Sodium   ppm   ASTM D5185m   20   5   4      Sodium   ppm   ASTM D5185m   20   5   4	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum   ppm   ASTM D5185m   0   0      Manganese   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   2   0   0      Phosphorus   ppm   ASTM D5185m   2   0   0      Zinc   ppm   ASTM D5185m   52   36      Sodium   ppm   ASTM D5185m   >25   <1   <1      Sodium   ppm   ASTM D5185m   >20   5   4      Sodium   ppm   ASTM D6304   >0.05   0.008   0.021      Potassium   ppm   ASTM D6304   >500   84.1   211.8      Particles >4µm   ASTM D7647   1233   13084       Particles >4µm   ASTM D7647   >1300   291   41153	Boron	ppm	ASTM D5185m		0	<1	
Manganese   ppm   ASTM D5185m   0   <1	Barium	ppm	ASTM D5185m	90	0	0	
Magnesium   ppm   ASTM D5185m   90   22   27      Calcium   ppm   ASTM D5185m   2   0   0      Phosphorus   ppm   ASTM D5185m   2   0   11      Zinc   ppm   ASTM D5185m   0   11    7     CONTAMINANTS   method   limit/base   current   history1   history1     Silicon   ppm   ASTM D5185m   >25   <1   <1      Sodium   ppm   ASTM D5185m   >20   5   4      Vater   %   ASTM D5185m   >20   5   4      ppm Water   ppm   ASTM D6304   >0.05   0.008   0.021      Particles >4µm   ASTM D7647   1233   13084      Particles >6µm   ASTM D7647   >1300   291   ▲ 4153      Particles >14µm   ASTM D7647   >20   2   27	Molybdenum	ppm	ASTM D5185m		0	0	
Calcium   ppm   ASTM D5185m   2   0   0      Phosphorus   ppm   ASTM D5185m   0   11    Zinc   ppm   ASTM D5185m   0   11    Zinc   ppm   ASTM D5185m   52   36    Zinc   ppm   ASTM D5185m   52   36    Zinc   Nistory   Nistory   Nistory     Silicon   ppm   ASTM D5185m   >25   <1   <1    Sodium   ppm   ASTM D5185m   >25   <1   <1    Sodium   ppm   ASTM D5185m   >20   5   4    Sodium   ppm   ASTM D5185m   >20   5   4    Sodium   Partial   ASTM D5185m   >20   5   4    Sodium   Silicon	Manganese	ppm	ASTM D5185m		0	<1	
Phosphorus   ppm   ASTM D5185m   0   11      Zinc   ppm   ASTM D5185m   52   36      CONTAMINANTS   method   limit/base   current   history1   history     Silicon   ppm   ASTM D5185m   >25   <1	Magnesium	ppm	ASTM D5185m	90	22	27	
Zinc   ppm   ASTM D5185m   52   36      CONTAMINANTS   method   limit/base   current   history1   history     Silicon   ppm   ASTM D5185m   >25   <1   <1      Sodium   ppm   ASTM D5185m   >20   5   4      Potassium   ppm   ASTM D5185m   >20   5   4      Water   %   ASTM D50304   >0.05   0.008   0.021      ppm Water   ppm   ASTM D6304   >500   84.1   211.8      FLUID CLEANLINESS   method   limit/base   current   history1   history     Particles >4µm   ASTM D7647   >1300   291   4153      Particles >6µm   ASTM D7647   >80   21   207      Particles >1µm   ASTM D7647   >20   2   27      Particles >38µm   ASTM D7647   3   0   1 <th>Calcium</th> <td>ppm</td> <td>ASTM D5185m</td> <td>2</td> <th>0</th> <td>0</td> <td></td>	Calcium	ppm	ASTM D5185m	2	0	0	
Zinc   ppm   ASTM D5185m   52   36      CONTAMINANTS   method   limit/base   current   history1   history     Silicon   ppm   ASTM D5185m   >25   <1   <1      Sodium   ppm   ASTM D5185m   >25   <1   <1      Potassium   ppm   ASTM D5185m   >20   5   4      Water   %   ASTM D50304   >0.05   0.008   0.021      ppm Water   ppm   ASTM D6304   >500   84.1   211.8      FLUID CLEANLINESS   method   limit/base   current   history1   history     Particles >4µm   ASTM D7647   1233   13084      Particles >6µm   ASTM D7647   >1300   291   4153      Particles >1µm   ASTM D7647   >20   2   27      Particles >21µm   ASTM D7647   >3   0   1	Phosphorus	ppm	ASTM D5185m		0	11	
Silicon ppm ASTM D5185m >25 <1	Zinc	ppm	ASTM D5185m		52	36	
Sodium   ppm   ASTM D5185m   10   5      Potassium   ppm   ASTM D5185m   >20   5   4      Water   %   ASTM D6304   >0.05   0.008   0.021      ppm Water   ppm   ASTM D6304   >500   84.1   211.8      FLUID CLEANLINESS   method   limit/base   current   history1   history     Particles >4µm   ASTM D7647   1233   13084       Particles >6µm   ASTM D7647   >1300   291   ▲ 4153      Particles >6µm   ASTM D7647   >80   21   ▲ 207      Particles >14µm   ASTM D7647   >20   2   ▲ 27      Particles >38µm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   19/15      FLUID DEGRADATION   method   limit/base   current   history1   history </th <th>CONTAMINANT</th> <th>S</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	CONTAMINANT	S	method	limit/base	current	history1	history2
Potassium   ppm   ASTM D5185m   >20   5   4      Water   %   ASTM D6304   >0.05   0.008   0.021      ppm Water   ppm   ASTM D6304   >500   84.1   211.8      FLUID CLEANLINESS   method   limit/base   current   history1   history1     Particles >4µm   ASTM D7647   1233   13084       Particles >6µm   ASTM D7647   >1300   291   4153      Particles >6µm   ASTM D7647   >80   21   207      Particles >14µm   ASTM D7647   >20   2   27      Particles >21µm   ASTM D7647   >4   0   3      Particles >38µm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   19/15      FLUID DEGRADATION   method   limit/base   current   history1   history </th <th>Silicon</th> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;25</td> <th>&lt;1</th> <td>&lt;1</td> <td></td>	Silicon	ppm	ASTM D5185m	>25	<1	<1	
Water   %   ASTM D6304   >0.05   0.008   0.021      ppm Water   ppm   ASTM D6304   >500   84.1   211.8      FLUID CLEANLINESS   method   limit/base   current   history1   history     Particles >4µm   ASTM D7647   1233   13084      Particles >6µm   ASTM D7647   >1300   291   ▲ 4153      Particles >14µm   ASTM D7647   >80   21   ▲ 207      Particles >21µm   ASTM D7647   >20   2   ▲ 27      Particles >38µm   ASTM D7647   >3   0   1      Particles >71µm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   19/15      FLUID DEGRADATION   method   limit/base   current   history1   history	Sodium	ppm	ASTM D5185m		10	5	
Water   %   ASTM D6304   >0.05   0.008   0.021      ppm Water   ppm   ASTM D6304   >500   84.1   211.8      FLUID CLEANLINESS   method   limit/base   current   history1   history     Particles >4µm   ASTM D7647   1233   13084      Particles >6µm   ASTM D7647   >1300   291   ▲ 4153      Particles >14µm   ASTM D7647   >80   21   ▲ 207      Particles >21µm   ASTM D7647   >20   2   ▲ 27      Particles >38µm   ASTM D7647   >3   0   1      Particles >71µm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   19/15      FLUID DEGRADATION   method   limit/base   current   history1   history	Potassium	ppm	ASTM D5185m	>20	5	4	
FLUID CLEANLINESS method limit/base current history1 history1   Particles >4µm ASTM D7647 1233 13084    Particles >6µm ASTM D7647 >1300 291 ▲ 4153    Particles >14µm ASTM D7647 >80 21 ▲ 207    Particles >21µm ASTM D7647 >20 2 ▲ 27    Particles >21µm ASTM D7647 >20 2 ▲ 27    Particles >38µm ASTM D7647 >4 0 3    Particles >71µm ASTM D7647 >3 0 1    Oil Cleanliness ISO 4406 (c) >/17/13 17/15/12 19/15    FLUID DEGRADATION method limit/base current history1 history1	Water	%	ASTM D6304	>0.05	0.008	0.021	
Particles >4µm ASTM D7647 1233 13084    Particles >6µm ASTM D7647 >1300 291 ▲ 4153    Particles >14µm ASTM D7647 >80 21 ▲ 207    Particles >14µm ASTM D7647 >20 2 ▲ 27    Particles >21µm ASTM D7647 >20 2 ▲ 27    Particles >38µm ASTM D7647 >4 0 3    Particles >71µm ASTM D7647 >3 0 1    Oil Cleanliness ISO 4406 (c) >/17/13 17/15/12 19/15    FLUID DEGRADATION method limit/base current history1 history1	ppm Water	ppm	ASTM D6304	>500	84.1	211.8	
Particles >6µm ASTM D7647 >1300 291 ▲ 4153    Particles >14µm ASTM D7647 >80 21 ▲ 207    Particles >21µm ASTM D7647 >20 2 ▲ 27    Particles >21µm ASTM D7647 >20 2 ▲ 27    Particles >38µm ASTM D7647 >4 0 3    Particles >71µm ASTM D7647 >3 0 1    Oil Cleanliness ISO 4406 (c) >/17/13 17/15/12 ▲ 19/15    FLUID DEGRADATION method limit/base current history1 history1	FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
Particles >6μm ASTM D7647 >1300 291 ▲ 4153    Particles >14μm ASTM D7647 >80 21 ▲ 207    Particles >21μm ASTM D7647 >20 2 ▲ 27    Particles >38μm ASTM D7647 >4 0 3    Particles >38μm ASTM D7647 >4 0 3    Particles >71μm ASTM D7647 >3 0 1    Oil Cleanliness ISO 4406 (c) >/17/13 17/15/12 19/15    FLUID DEGRADATION method limit/base current history1 history1	Particles >4µm		ASTM D7647		1233	13084	
Particles >14µm ASTM D7647 >80 21 ▲ 207    Particles >21µm ASTM D7647 >20 2 ▲ 27    Particles >38µm ASTM D7647 >4 0 3    Particles >38µm ASTM D7647 >4 0 3    Particles >71µm ASTM D7647 >3 0 1    Oil Cleanliness ISO 4406 (c) >/17/13 17/15/12 ▲ 19/15    FLUID DEGRADATION method limit/base current history1 history			ASTM D7647	>1300	291	<b>4</b> 153	
Particles >21μm   ASTM D7647   >20   2   27      Particles >38μm   ASTM D7647   >4   0   3      Particles >38μm   ASTM D7647   >4   0   3      Particles >71μm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   19/15      FLUID DEGRADATION   method   limit/base   current   history1   history							
Particles >38μm   ASTM D7647   >4   0   3      Particles >71μm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   19/15      FLUID DEGRADATION   method   limit/base   current   history1   history							
Particles >71μm   ASTM D7647   >3   0   1      Oil Cleanliness   ISO 4406 (c)   >/17/13   17/15/12   ▲ 19/15      FLUID DEGRADATION   method   limit/base   current   history1   history1							
Oil Cleanliness ISO 4406 (c) >/17/13 17/15/12 ▲ 19/15    FLUID DEGRADATION method limit/base current history1 history							
· · · · · · · · · · · · · · · · · · ·							
· · · · · · · · · · · · · · · · · · ·	FLUID DEGRAD	ATION_	method	limit/base	current	historv1	history2
	AGG NUMBER (AN)	ing NOT/9	AG INI DOU43	0.4	0.70	0.40	



Feb 1

52

50

48

<del>ري</del> 44

47

14

of particles (1 ml) 10

8k

6

4

2

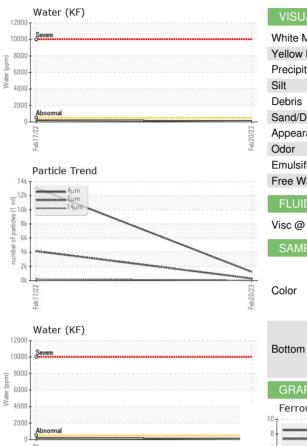
0

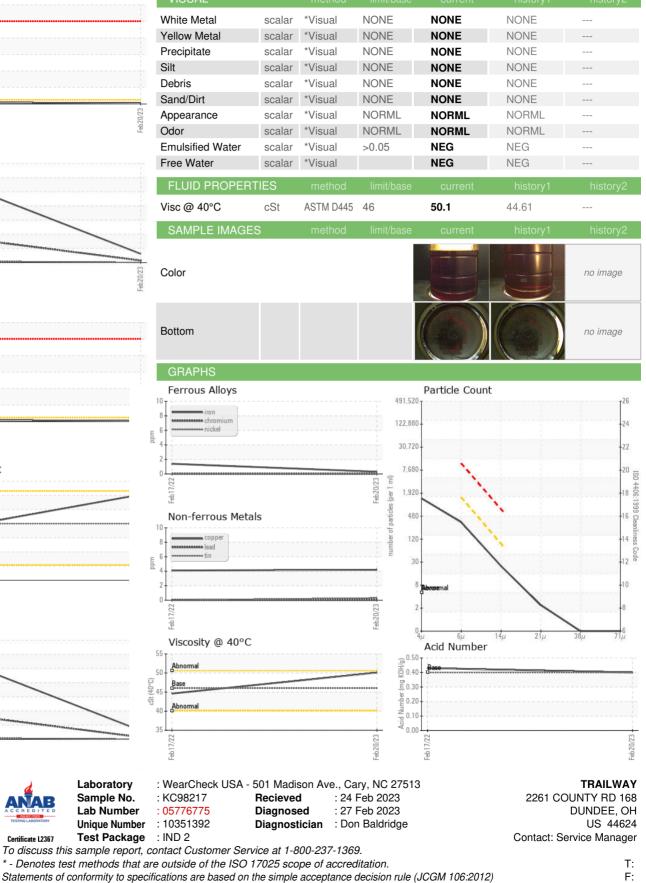
Abnorm 40 38 Feb17/22

Particle Trend

Viscosity @ 40°C

# **OIL ANALYSIS REPORT**





Certificate L2367

Contact/Location: Service Manager - TRADUN