

## **OIL ANALYSIS REPORT**

(S/N 1155)

Sample Rating Trend

ISO

Machine Id

## KAESER AS 30T 6417862 (S/N 1155) 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.

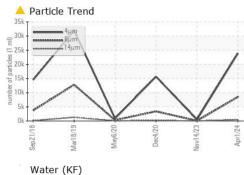
#### Fluid Condition

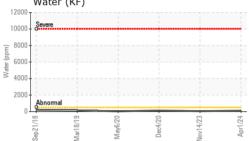
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

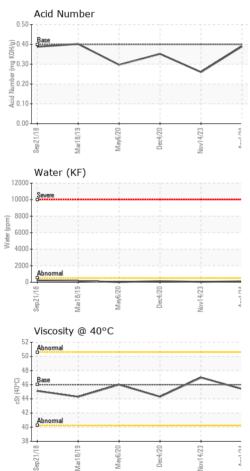
Sample Number         Client Info         KC125842         KC122971         KC91456           Sample Date         Client Info         01 Apr 2024         14 Nov 2023         04 Dec 2020           Machine Age         hrs         Client Info         29049         27439         12607           Oll Age         hrs         Client Info         N/A         NA         Not Changed           Sample Status         Client Info         N/A         NA         NORMAL         ABNORMAL           WEAR METALS         method         Im/Mostes         current         history         history           Iron         ppm         ASTM 05185n         >50         0         0         <1           Chromium         ppm         ASTM 05185n         >33         0         0         0           Silver         ppm         ASTM 05185n         >30         0         0         0           Silver         ppm         ASTM 05185n         >10         0         0         0           Vanadium         ppm         ASTM 05185n         >10         0         0         0           Adminum         ppm         ASTM 05185n         >10         0         0         0           <	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Machine Age Oil Age Oil Age I hrsClient Info Client Info290492743912607Oil Age Sample StatusClient InfoN/AN/ANot Changd ABNORMALNORMALABNORMALWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D5185m>5000<1NickelppmASTM D5185m>3000<1NickelppmASTM D5185m>3000<1NickelppmASTM D5185m>3000<1SilverppmASTM D5185m>3000<1AuminumppmASTM D5185m>200<10LeadppmASTM D5185m>1000<1CopperppmASTM D5185m>100<10YanadiumppmASTM D5185m0<100ASTM D5185m100<10012AdminumppmASTM D5185m00012AstM D5185m900001212ManganeseppmASTM D5185m<1<1< <td>&lt;1</td> <1ManganeseppmASTM D5185m20000ProshorusppmASTM D5185m20000RatiumppmASTM D5185m20000BariumppmASTM D5185m20	<1	Sample Number		Client Info		KC125842	KC122971	KC91456
Oil Age         hrs         Client Info         N/A         N/A         N/A         Not Changd           Sample Status         I         Image         Client Info         N/A         N/A         Not Changd           Sample Status         Image         Image         Current         history1         Nistory1           Viran         ppm         ASTM D5185m         >50         0         0         <1           Chromium         ppm         ASTM D5185m         >3         0         0         <1           Nickel         ppm         ASTM D5185m         >3         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         0         0         <1           Copper         ppm         ASTM D5185m         >10         0         0         <1           Cadmium         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         12           Mangenesium         ppm         ASTM D5185m         0 <td< th=""><th>Sample Date</th><th></th><th>Client Info</th><th></th><th>01 Apr 2024</th><th>14 Nov 2023</th><th>04 Dec 2020</th></td<>	Sample Date		Client Info		01 Apr 2024	14 Nov 2023	04 Dec 2020	
Oli Changed Sample Status         Cilient Info         N/A         N/A         Not Changd ABNORMAL           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM DE185m         >50         0         0         <1           Chromium         ppm         ASTM DE185m         >30         0         0         0           Nickel         ppm         ASTM DE185m         >3         0         0         0           Silver         ppm         ASTM DE185m         >3         0         0         <1           Copper         ppm         ASTM DE185m         >10         0         0         <1           Cadmium         ppm         ASTM DE185m         >10         0         0         <1           Cadmium         ppm         ASTM DE185m         0         <1         0         0           ADDITIVES         method         imit/base         current         history1         history2           Baron         ppm         ASTM DE185m         0         0         0         1           Notaditimum         ppm         ASTM DE185m         0         0         <1 <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>29049</th> <th>27439</th> <th>12607</th>	Machine Age	hrs	Client Info		29049	27439	12607	
Sample Status         method         Imit/base         current         NoRMAL         ABNORMAL           WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         <1           Nickel         ppm         ASTM D5185m         >3         0         0         0           Titanium         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Lead         ppm         ASTM D5185m         >10         0         0         0           Copper         ppm         ASTM D5185m         >10         0         0         0           Cadmium         ppm         ASTM D5185m         50         7         9         10           Copper         ppm         ASTM D5185m         50         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         12           Managanese         ppm         ASTM D5185m         90         20         0 <t< th=""><th>Oil Age</th><th>hrs</th><th>Client Info</th><th></th><th>0</th><th>0</th><th>2537</th></t<>	Oil Age	hrs	Client Info		0	0	2537	
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         <1           Chromium         ppm         ASTM D5185m         >3         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         0         0         <1           Copper         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0 <td< th=""><th>Oil Changed</th><th></th><th>Client Info</th><th></th><th>N/A</th><th>N/A</th><th>Not Changd</th></td<>	Oil Changed		Client Info		N/A	N/A	Not Changd	
Iron         ppm         ASTM D5185m         >50         0         0         <1	Sample Status				ABNORMAL	NORMAL	ABNORMAL	
Chromium         ppm         ASTM D5185m         >10         0         0         <1	WEAR METALS		method	limit/base	current	history1	history2	
Nickel         ppm         ASTM D5185m         >3         0         0         0           Titanium         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >10         0         0         0           Lead         ppm         ASTM D5185m         >50         7         9         10           Copper         ppm         ASTM D5185m         >10         0         0         0           Vanadium         ppm         ASTM D5185m         0         <1	Iron	ppm	ASTM D5185m	>50	0	0	<1	
Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         <1	Chromium	ppm	ASTM D5185m	>10	0	0	<1	
Silver         ppm         ASTM D5185m         >2         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         0         0         0         0           Lead         ppm         ASTM D5185m         >10         0         0         <1	Nickel	ppm	ASTM D5185m	>3	0	0	0	
Aluminum         ppm         ASTM D5185m         >10         0         0         0           Lead         ppm         ASTM D5185m         >10         0         0         <1	Titanium	ppm	ASTM D5185m	>3	0	0	0	
Atuminum         ppm         ASTM D5185m         >10         0         0         0         0           Lead         ppm         ASTM D5185m         >50         7         9         10           Copper         ppm         ASTM D5185m         >50         7         9         10           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m           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         0         0         12           Molybdenum         ppm         ASTM D5185m         90         20         0         37           Calaicum         ppm         ASTM D5185m         90         20         0         0           CONTAMINANTS         method         limit/base         current         history1         history2	Silver				0	0	<1	
Lead         ppm         ASTM D5185m         >10         0         0         <1           Copper         ppm         ASTM D5185m         >50         7         9         10           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         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         12           Molybdenum         ppm         ASTM D5185m         90         0         0         12           Magnesium         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         2         0         0         0           Zinc         ppm         ASTM D5185m         2         0         0         3           Slicon         ppm         ASTM D5185m         2         5         4         4	Aluminum		ASTM D5185m	>10		0	0	
Copper         ppm         ASTM D5185m         >50         7         9         10           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m         0         <1							<1	
Tin       ppm       ASTM D5185m       >10       0       0       0         Antimony       ppm       ASTM D5185m       0       <1       0         Vanadium       ppm       ASTM D5185m       0       <1       0         Cadmium       ppm       ASTM D5185m       0       0       0       0         ADDITIVES       method       limit/base       current       history1       history2         Boron       ppm       ASTM D5185m       0       0       0       0         Barium       ppm       ASTM D5185m       0       0       0       12         Molybdenum       ppm       ASTM D5185m       <1       <1       <1       <1         Magnessum       ppm       ASTM D5185m       <20       0       0       0         Calcium       ppm       ASTM D5185m       20       0       0       0       0         Contraminon       ppm       ASTM D5185m       20       0       0       0       0         Silicon       ppm       ASTM D5185m       >25       5       4       4       4       0       0         Sodium       ppm       ASTM D5185m       <							10	
Antimony         ppm         ASTM D5185m           0           Vanadium         ppm         ASTM D5185m         0         <1								
Vanadium         ppm         ASTM D5185m         0         <1         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         90         0         0         12           Molybdenum         ppm         ASTM D5185m         90         20         0         37           Magnesium         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         21         0         0         0           CONTAMINANTS         ppm         ASTM D5185m         22         0         0         0           Silicon         ppm         ASTM D5185m         225         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         0.13           ppm         ASTM D5185m         >20         0         0         0.13         13.1								
Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         90         0         0         0         12           Molybdenum         ppm         ASTM D5185m         90         20         0         12           Magnesee         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         90         20         0         0         0           CONTAMINANTS         ppm         ASTM D5185m         90         20         0         0         0           Solicon         ppm         ASTM D5185m         20         0         0         0         1           Solicon         ppm         ASTM D5185m         >20         0         1         7           Potassium         ppm         ASTM D5185m         >20         0         1         7           Potassium         ppm         ASTM D5185m>	-				0	<1		
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         12           Molybdenum         ppm         ASTM D5185m         90         0         0         12           Magnese         ppm         ASTM D5185m         <1								
Boron         ppm         ASTM D5185m         0         0         0           Barium         ppm         ASTM D5185m         90         0         0         12           Molybdenum         ppm         ASTM D5185m         <1         <1         <1           Manganese         ppm         ASTM D5185m         90         20         0         37           Galcium         ppm         ASTM D5185m         90         20         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         113           Potassium         ppm         ASTM D5185m         >20         0         0         139           ppm Water         %         ASTM D5185m         >20         0         0         139.1 <th></th> <th>ppm</th> <th></th> <th>limit/base</th> <th>-</th> <th></th> <th>-</th>		ppm		limit/base	-		-	
Barium         ppm         ASTM D5185m         90         0         0         12           Molybdenum         ppm         ASTM D5185m         <1         <1         <1           Manganese         ppm         ASTM D5185m         <1         0         <1           Magnesium         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         2         0         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0         0         0           Solicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         <11           Potassium         ppm         ASTM D5185m         >20         0         0         <11           Water         %         ASTM D6304         >500         114         49.4         139.1           FLUID CLEANLINESS         method         limit/base         current <th></th> <th></th> <th></th> <th>inniv base</th> <th></th> <th></th> <th></th>				inniv base				
Molybdenum         ppm         ASTM D5185m         <1         <1         <1         <1           Manganese         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         90         20         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0         0           Solicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         <1								
Manganese         ppm         ASTM D5185m         <1         0         <1           Magnesium         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         3           Zinc         ppm         ASTM D5185m         0         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         <11		ppm		90	-			
Magnesium         ppm         ASTM D5185m         90         20         0         37           Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         3           Zinc         ppm         ASTM D5185m         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         <1	-							
Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         3           Zinc         ppm         ASTM D5185m         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         <11           Potassium         ppm         ASTM D5185m         >20         0         0         <11         7           Vater         %         ASTM D5185m         >20         0         0         <11         10.004         0.013           ppm Water         ppm         ASTM D6304         >500         114         49.4         139.1           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300	•	ppm						
Phosphorus         ppm         ASTM D5185m         0         0         3           Zinc         ppm         ASTM D5185m         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         0         0         <1           Potassium         ppm         ASTM D5185m         >20         0         0         <1           Water         %         ASTM D6304         >0.05         0.011         0.004         0.013           ppm Water         ppm         ASTM D6304         >500         114         49.4         139.1           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         & 8513         58         3385           Particles >14µm         ASTM D7647         >20         & 85         0         53	0							
ZincppmASTM D5185m000CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25544SodiumppmASTM D5185m>2000<1		ppm		2				
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25544SodiumppmASTM D5185m>2000<1	Phosphorus	ppm						
Silicon       ppm       ASTM D5185m       >25       5       4       4         Sodium       ppm       ASTM D5185m       6       1       7         Potassium       ppm       ASTM D5185m       >20       0       0       <1         Potassium       ppm       ASTM D5185m       >20       0       0       <1         Water       %       ASTM D6304       >0.05       0.011       0.004       0.013         ppm Water       ppm       ASTM D6304       >500       114       49.4       139.1         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >1300       & 8513       58       3385         Particles >6µm       ASTM D7647       >80       & 487       2       220         Particles >14µm       ASTM D7647       >20       & 85       0       <53         Particles >21µm       ASTM D7647       >20       & 85       0       <53         Particles >38µm       ASTM D7647       >3       0       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       22/20/16       16/13/9 <td>Zinc</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>0</th> <td>0</td> <td>0</td>	Zinc	ppm	ASTM D5185m		0	0	0	
Sodium         ppm         ASTM D5185m         6         1         7           Potassium         ppm         ASTM D5185m         >20         0         0         <1           Water         %         ASTM D6304         >0.05         0.011         0.004         0.013           ppm Water         ppm         ASTM D6304         >500         114         49.4         139.1           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         23913         515         15648           Particles >6µm         ASTM D7647         >1300 <b>4 8513</b> 58         3385           Particles >6µm         ASTM D7647         >80 <b>4 487</b> 2         220           Particles >14µm         ASTM D7647         >20 <b>4 85</b> 0         4 53           Particles >38µm         ASTM D7647         >4         1         0         2           Particles >71µm         ASTM D7647         >3         0         0         0           Oll Cleanliness         ISO 4406 (c)         >/17/13         22/20/16         16/13/9         19/15           FLUID	CONTAMINANTS	6	method	limit/base	current	history1	history2	
Potassium       ppm       ASTM D5185m       >20       0       0       <1         Water       %       ASTM D6304       >0.05       0.011       0.004       0.013         ppm Water       ppm       ASTM D6304       >500       114       49.4       139.1         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       23913       515       15648         Particles >6µm       ASTM D7647       >1300       8513       58       3385         Particles >6µm       ASTM D7647       >20       85       0       3385         Particles >14µm       ASTM D7647       >20       85       0       53         Particles >38µm       ASTM D7647       >4       1       0       2         Particles >38µm       ASTM D7647       >3       0       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       22/20/16       16/13/9       19/15         FLUID DEGRADATION       method       limit/base       current       history1       history2	Silicon	ppm	ASTM D5185m	>25	5	4	4	
Water       %       ASTM D6304       >0.05       0.011       0.004       0.013         ppm Water       ppm       ASTM D6304       >500       114       49.4       139.1         FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       23913       515       15648         Particles >6µm       ASTM D7647       >1300       8513       58       3385         Particles >6µm       ASTM D7647       >80       487       2       220         Particles >14µm       ASTM D7647       >20       85       0       53         Particles >21µm       ASTM D7647       >4       1       0       2         Particles >38µm       ASTM D7647       >3       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       22/20/16       16/13/9       19/15         FLUID DEGRADATION       method       limit/base       current       history1       history2	Sodium	ppm	ASTM D5185m		6	1	7	
ppm Water         ppm         ASTM D6304         >500         114         49.4         139.1           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         23913         515         15648           Particles >6µm         ASTM D7647         >1300         4 8513         58         3385           Particles >14µm         ASTM D7647         >80         4 877         2         220           Particles >21µm         ASTM D7647         >20         A 85         0         53           Particles >38µm         ASTM D7647         >4         1         0         2           Particles >71µm         ASTM D7647         3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         22/20/16         16/13/9         19/15           FLUID DEGRADATION         method         limit/base         current         history1         history2	Potassium	ppm	ASTM D5185m	>20	0	0	<1	
FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       23913       515       15648         Particles >6µm       ASTM D7647       >1300       8513       58       3385         Particles >14µm       ASTM D7647       >80       487       2       ≥20         Particles >21µm       ASTM D7647       >20       85       0       ≤53         Particles >21µm       ASTM D7647       >4       1       0       2         Particles >38µm       ASTM D7647       >3       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       22/20/16       16/13/9       19/15         FLUID DEGRADATION       method       limit/base       current       history1       history2	Water	%	ASTM D6304	>0.05	0.011	0.004	0.013	
Particles >4µm       ASTM D7647       23913       515       15648         Particles >6µm       ASTM D7647       >1300       8513       58       3385         Particles >14µm       ASTM D7647       >80       487       2       220         Particles >21µm       ASTM D7647       >20       85       0       53         Particles >38µm       ASTM D7647       >4       1       0       2         Particles >71µm       ASTM D7647       >3       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       22/20/16       16/13/9       19/15	ppm Water	ppm	ASTM D6304	>500	114	49.4	139.1	
Particles >6µm       ASTM D7647       >1300       ▲ 8513       58       ▲ 3385         Particles >14µm       ASTM D7647       >80       ▲ 487       2       ▲ 220         Particles >21µm       ASTM D7647       >20       ▲ 85       0       ▲ 53         Particles >21µm       ASTM D7647       >20       ▲ 85       0       ▲ 53         Particles >38µm       ASTM D7647       >4       1       0       2         Particles >71µm       ASTM D7647       >3       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       ▲ 22/20/16       16/13/9       ▲ 19/15         FLUID DEGRADATION       method       limit/base       current       history1       history2	FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2	
Particles >14µm       ASTM D7647       >80       ▲ 487       2       ▲ 220         Particles >21µm       ASTM D7647       >20       ▲ 85       0       ▲ 53         Particles >38µm       ASTM D7647       >4       1       0       2         Particles >38µm       ASTM D7647       >3       0       0       0         Particles >71µm       ASTM D7647       >3       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       ▲ 22/20/16       16/13/9       ▲ 19/15         FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >4µm		ASTM D7647		23913	515	15648	
Particles >21μm         ASTM D7647         >20         ▲ 85         0         ▲ 53           Particles >38μm         ASTM D7647         >4         1         0         2           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 22/20/16         16/13/9         ▲ 19/15           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >6µm		ASTM D7647	>1300	<u> </u>	58	▲ 3385	
Particles >38μm         ASTM D7647         >4         1         0         2           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         22/20/16         16/13/9         19/15           FLUID DEGRADATION         method         limit/base         current         history1         history2			ASTM D7647	>80	<b>487</b>	2	<b>2</b> 20	
Particles >38μm         ASTM D7647         >4         1         0         2           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         22/20/16         16/13/9         ▲ 19/15           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21µm		ASTM D7647	>20	<u> </u>	0	<b>5</b> 3	
Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 22/20/16         16/13/9         ▲ 19/15           FLUID DEGRADATION         method         limit/base         current         history1         history2						0	2	
Oil Cleanliness       ISO 4406 (c) >/17/13       22/20/16       16/13/9       19/15         FLUID DEGRADATION       method       limit/base       current       history1       history2				>3	0	0	0	
						16/13/9		
	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2	



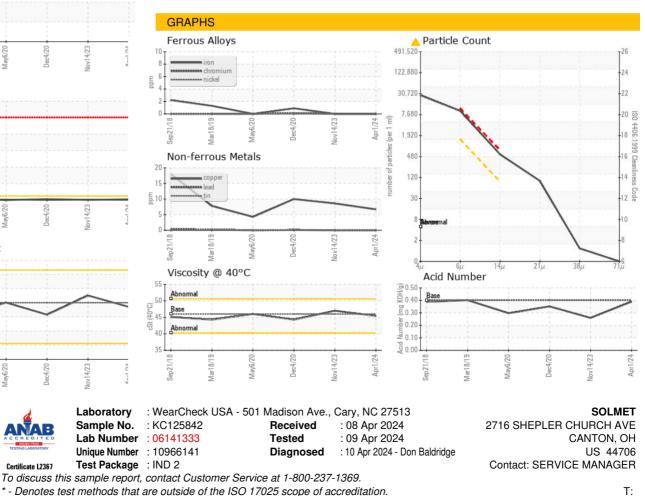
# **OIL ANALYSIS REPORT**







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	LIGHT
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	45.4	47.0	44.3
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color						
Bottom						



\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

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Certificate 12367

Contact/Location: SERVICE MANAGER ? - SOLCAN

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