

### **OIL ANALYSIS REPORT**

SAMPLE INFORMATION method

Sample Rating Trend

limit/base

current



history1

history2

Machine Id

# FRICK BLDG 3 CP-1

Component Refrigeration Compressor Fluid IRP 717 (--- GAL)

#### DIAGNOSIS

#### A Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is a high amount of silt (particulates < 14 microns in size) 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     Client Info     16 Jun 2024     11 Dec 2023     11 Jul 2023       Machine Age     hrs     Client Info     0     0     0       Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A     ABNORMAL     ABNORMAL     ABNORMAL       WEAR METALS     method     Imit/base     current     history1     history2       Iron     ppm     ASTM 05185m     >8     5     4     6       Chromium     ppm     ASTM 05185m     >2     0     0     0       Nickel     ppm     ASTM 05185m     >2     0     0     0       Aluminum     ppm     ASTM 05185m     >2     0     0     0       Adaminum     ppm     ASTM 05185m     >2     0     0     0       Vanadium     ppm     ASTM 05185m     <4     0     0     0       Adaminum     ppm     ASTM 05185m     0     0     0	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2		
Machine Age hrs Client Info 0 0 0   Oil Age hrs Client Info N/A N/A N/A   Sample Status Imethod Imutbase current ABNORMAL ABNORMAL ABNORMAL   WEAR METALS method Imutbase current history1 history2   Iron ppm ASTM 05185n >8 5 4 6   Chromium ppm ASTM 05185n >2 0 0 0   Nickel ppm ASTM 05185n >2 0 0 0   Sliver ppm ASTM 05185n >2 0 0 0   Ladd ppm ASTM 05185n >2 0 0 0   Cadmium ppm ASTM 05185n >2 0 0 0   Vanadium ppm ASTM 05185n >4 0 0 0   ASTM 05185n >4 0 0 0 0   ASTM 05185n  0 0 0 0   Cadmium ppm ASTM 05185n <1	Sample Number		Client Info		USP0013260	USP0004133	USP249858		
Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A     N/A       Sample Status     Imit Dist     ABNORMAL     ABNORMAL     ABNORMAL     ABNORMAL       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >2     0     0     0       Nickel     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     0     0     0       Cadmium     ppm     ASTM D5185m     >2     0     0     0       Admium     ppm     ASTM D5185m     <4	Sample Date		Client Info		16 Jun 2024	11 Dec 2023	11 Jul 2023		
Oil Changed     Client Info     N/A     N/A     N/A     ABNORMAL     ABNORMAL     ABNORMAL       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185n     >8     5     4     6       Chromium     ppm     ASTM D5185n     >8     5     4     6       Othornium     ppm     ASTM D5185n     >2     0     0     0       Silver     ppm     ASTM D5185n     >2     0     0     0       Lead     ppm     ASTM D5185n     >2     0     0     0       Cadmium     ppm     ASTM D5185n     >4     0     0     0       Cadmium     ppm     ASTM D5185n     >4     0     0     0       Boron     ppm     ASTM D5185n     0     0     0     0     0       Barlum     ppm     ASTM D5185n     0     0     0     0     0       Barlum     ppm     ASTM D5185n <td>Machine Age</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>0</th> <td>0</td> <td>0</td>	Machine Age	hrs	Client Info		0	0	0		
Sample Status     method     Imit/base     current     history1     ABNORMAL     ABNORMAL       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >2     0     0     0       Nickel     ppm     ASTM D5185m     >2     0     0     0       Nickel     ppm     ASTM D5185m     >2     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >4     0     0     0       Adminum     ppm     ASTM D5185m     <1	Oil Age	hrs	Client Info		0	0	0		
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >8     5     4     6       Chromium     ppm     ASTM D5185m     0     0     0       Nickel     ppm     ASTM D5185m     2     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Aduminum     ppm     ASTM D5185m     >2     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Adaminum     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     >4     0     0     0       Adaminum     ppm     ASTM D5185m     <4	Oil Changed		Client Info		N/A	N/A	N/A		
Iron     ppm     ASTM D5185m     >8     5     4     6       Chromium     ppm     ASTM D5185m     >2     0     0     0       Nickel     ppm     ASTM D5185m     >2     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >8     <1	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL		
Dromium     ppm     ASTM D5185m     >2     0     0     0       Nickel     ppm     ASTM D5185m     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Vanadium     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     <1     0     0     0       Addmium     ppm     ASTM D5185m     <1     0     0     0       Addmium     ppm     ASTM D5185m     0     0     0     0       Galaium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0	WEAR METALS		method	limit/base	current	history1	history2		
Nickel     ppm     ASTM D5185m     0     0     0       Titanium     ppm     ASTM D5185m     >2     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Vanadium     ppm     ASTM D5185m     >4     0     0     0       Cadmium     ppm     ASTM D5185m     <1	Iron	ppm	ASTM D5185m	>8	5	4	6		
Titanium     ppm     ASTM D5185m     <1     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >3     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Tin     ppm     ASTM D5185m     >2     0     0     0       Cadmium     ppm     ASTM D5185m     <1	Chromium	ppm	ASTM D5185m	>2	0	0	0		
Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >3     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Vanadium     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     <1	Nickel	ppm	ASTM D5185m		0	0	0		
Aluminum     ppm     ASTM D5185m     >3     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Tin     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     <1	Titanium	ppm	ASTM D5185m		<1	0	0		
Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >8     <1	Silver	ppm	ASTM D5185m	>2	0	0	0		
Copper     ppm     ASTM D5185m     >8     <1     0     0       Tin     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     <1	Aluminum	ppm	ASTM D5185m	>3	0	0	0		
Tin     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     <1	Lead	ppm	ASTM D5185m	>2	0	0	0		
Tin     ppm     ASTM D5185m     >4     0     0     0       Vanadium     ppm     ASTM D5185m     <<1	Copper	ppm	ASTM D5185m	>8	<1	0	0		
CadmiumppmASTM D5185m<100ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m000BariumppmASTM D5185m000MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m000MagnesiumppmASTM D5185m000CalciumppmASTM D5185m000PhosphorusppmASTM D5185m010ZincppmASTM D5185m010SulfurppmASTM D5185m300SulfurppmASTM D5185m300SulfurppmASTM D5185m1<1< <td>&lt;1</td> SodiumppmASTM D5185m100PotassiumppmASTM D5185m>151<1< <td>&lt;1</td> SodiumppmASTM D5185m>20000PotassiumppmASTM D6304>1002150.00FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>200422288153Particles >6µmASTM D7647>20000Particles >1µmASTM D7647>20000Particles >21µmASTM D7647>20000	<1	<1	Tin	ppm	ASTM D5185m	>4	0	0	0
CadmiumppmASTM D5185m<100ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m000BariumppmASTM D5185m000MolybdenumppmASTM D5185m000MaganeseppmASTM D5185m000MagnesiumppmASTM D5185m000CalciumppmASTM D5185m000PhosphorusppmASTM D5185m010ZincppmASTM D5185m010SulfurppmASTM D5185m300SulfurppmASTM D5185m300SulfurppmASTM D5185m1<1< <td>&lt;1&lt;</td> SodiumppmASTM D5185m>151<1< <td>&lt;1&lt;</td> SodiumppmASTM D5185m>20000PotassiumppmASTM D5647>20000ppm Water%ASTM D6647>100042158939552423857Particles >4µmASTM D7647>2000000Particles >4µmASTM D7647>200000Particles >4µmASTM D7647>200000Particles >38µmASTM D7647>200000Particles >38µm <td< td=""><td>Vanadium</td><td>ppm</td><td>ASTM D5185m</td><td></td><th>&lt;1</th><td>0</td><td>&lt;1</td></td<>	<1<	<1<	Vanadium	ppm	ASTM D5185m		<1	0	<1
Boron     ppm     ASTM D5185m     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     1     0     0       Calcium     ppm     ASTM D5185m     0     1     0     0     0       Zinc     ppm     ASTM D5185m     3     0     0     0     0       Sulfur     ppm     ASTM D5185m     33     89     99     0       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >10     0.001     0.001     0.001       Potassium     ppm     ASTM D5185m     20     0	Cadmium		ASTM D5185m		<1	0	0		
Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0       Marganese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0       Calcium     ppm     ASTM D5185m     0     1     0       Calcium     ppm     ASTM D5185m     0     1     0       Zinc     ppm     ASTM D5185m     3     0     0       Sulfur     ppm     ASTM D5185m     33     89     99       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     1     <1	ADDITIVES		method	limit/base	current	history1	history2		
Molybdenum     ppm     ASTM D5185m     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0       Calcium     ppm     ASTM D5185m     0     1     0       Zinc     ppm     ASTM D5185m     0     1     0       Sulfur     ppm     ASTM D5185m     83     89     99       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     1     <1	Boron	ppm	ASTM D5185m		0	0	0		
Maganesse   ppm   ASTM D5185m   <1   0   0     Magnesium   ppm   ASTM D5185m   0   0   0     Calcium   ppm   ASTM D5185m   0   1   0     Phosphorus   ppm   ASTM D5185m   0   1   0     Zinc   ppm   ASTM D5185m   0   1   0     Sulfur   ppm   ASTM D5185m   3   0   0     Sulfur   ppm   ASTM D5185m   83   89   99     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >15   1   <1   <1   <1     Sodium   ppm   ASTM D5185m   >20   0   0   0     Potassium   ppm   ASTM D6304   >0.01   0.001   0.001   0.001     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >200   4527   8488   5737  Particles >4µm   ASTM D7647>	Barium	ppm	ASTM D5185m		0	0	0		
Magnesium     ppm     ASTM D5185m     0     0     0       Calcium     ppm     ASTM D5185m     0     1     0       Phosphorus     ppm     ASTM D5185m     0     1     0       Zinc     ppm     ASTM D5185m     0     0     0       Sulfur     ppm     ASTM D5185m     83     89     99       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     1     <1	Molybdenum	ppm	ASTM D5185m		0	0	0		
Calcium   ppm   ASTM D5185m   0   0   0     Phosphorus   ppm   ASTM D5185m   0   1   0     Zinc   ppm   ASTM D5185m   3   0   0     Sulfur   ppm   ASTM D5185m   33   0   0     Sulfur   ppm   ASTM D5185m   83   89   99     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >15   1   <1	Manganese	ppm	ASTM D5185m		<1	0	0		
Phosphorus     ppm     ASTM D5185m     0     1     0       Zinc     ppm     ASTM D5185m     3     0     0       Sulfur     ppm     ASTM D5185m     83     89     99       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     1     <1     <1       Sodium     ppm     ASTM D5185m     >15     1     <1     <1       Sodium     ppm     ASTM D5185m     >20     0     0     0       Potassium     ppm     ASTM D5185m     >20     0     0.001     0.001     0.001       Water     %     ASTM D504     >0.01     0.001     0.001     0.001       ppm     ASTM D7647     >1000     21589     39552     23857       Particles >4µm     ASTM D7647     >2500     4527     8488     5737       Particles >14µm     ASTM D7647     >30     3     42     16       <	Magnesium	ppm	ASTM D5185m		0	0	0		
Zinc     ppm     ASTM D5185m     3     0     0       Sulfur     ppm     ASTM D5185m     83     89     99       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m<>15     1     <1	Calcium	ppm	ASTM D5185m		0	0	0		
Sulfur     ppm     ASTM D5185m     83     89     99       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     1     <1	Phosphorus	ppm	ASTM D5185m		0	1	0		
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     1     <1	Zinc	ppm	ASTM D5185m		3	0	0		
Silicon   ppm   ASTM D5185m   >15   1   <1   <1   <1     Sodium   ppm   ASTM D5185m   >10   1   0   0     Potassium   ppm   ASTM D5185m   >20   0   0   0     Potassium   ppm   ASTM D5185m   >20   0   0   0     Water   %   ASTM D6304   >0.01   0.001   0.001   0.001     ppm Water   ppm   ASTM D6304   >100   2   15   0.00     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >10000   ▲ 21589   ▲ 39552   ▲ 23857     Particles >6µm   ASTM D7647   >2500 <b>4527</b> ▲ 8488   ▲ 5737     Particles >1µm   ASTM D7647   >320 <b>42</b> 16     Particles >21µm   ASTM D7647   >20   0   0   0     Particles >38µm   ASTM D7647   >20   0   0   0   0     Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/	Sulfur	ppm	ASTM D5185m		83	89	99		
Sodium     ppm     ASTM D5185m     1     0     0       Potassium     ppm     ASTM D5185m     >20     0     0     0       Water     %     ASTM D6304     >0.01     0.001     0.001     0.00       ppm     Water     ppm     ASTM D6304     >100     2     15     0.00       ppm Water     ppm     ASTM D6304     >100     2     15     0.00       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     ▲ 21589     ▲ 39552     ▲ 23857       Particles >6µm     ASTM D7647     >2500     ④ 4527     ▲ 8488     ▲ 5737       Particles >14µm     ASTM D7647     >320     42     288     153       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0     22/20/14       FLUID DEGRADATION     Method     limit/base     current	CONTAMINANTS	S	method	limit/base	current	history1	history2		
Potassium     ppm     ASTM D5185m     >20     0     0     0       Water     %     ASTM D6304     >0.01     0.001     0.001     0.00       ppm     ASTM D6304     >100     2     15     0.00       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     ▲ 21589     ▲ 39552     ▲ 23857       Particles >6µm     ASTM D7647     >2500 <b>4527</b> ▲ 8488     ▲ 5737       Particles >14µm     ASTM D7647     >320 <b>42</b> 288     153       Particles >14µm     ASTM D7647     >20     0     0     0       Particles >14µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0     0       OIl Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1 <t< td=""><td>Silicon</td><td>ppm</td><td>ASTM D5185m</td><td>&gt;15</td><th>1</th><td></td><td>&lt;1</td></t<>	Silicon	ppm	ASTM D5185m	>15	1		<1		
Water     %     ASTM D6304     >0.01     0.001     0.001     0.00       ppm Water     ppm     ASTM D6304     >100     2     15     0.00       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     21589     39552     23857       Particles >6µm     ASTM D7647     >2500     4527     8488     5737       Particles >14µm     ASTM D7647     >320     42     288     153       Particles >21µm     ASTM D7647     >80     3     42     16       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       OIl Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1     history2	Sodium	ppm	ASTM D5185m		1	0	0		
ppm Water     ppm     ASTM D6304     >100     2     15     0.00       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     21589     39552     23857       Particles >6µm     ASTM D7647     >2500     4527     & 8488     5737       Particles >14µm     ASTM D7647     >320     42     288     153       Particles >14µm     ASTM D7647     >80     3     42     16       Particles >21µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >4     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1     history2	Potassium	ppm	ASTM D5185m	>20			0		
FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >10000   21589   39552   23857     Particles >6µm   ASTM D7647   >2500   4527   8488   5737     Particles >14µm   ASTM D7647   >320   42   288   153     Particles >21µm   ASTM D7647   >80   3   42   16     Particles >38µm   ASTM D7647   >20   0   0   0     Particles >71µm   ASTM D7647   >4   0   0   0     Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/19/13   22/20/15   22/20/14	Water	%	ASTM D6304	>0.01	0.001	0.001	0.00		
Particles >4μm   ASTM D7647   >10000   ▲ 21589   ▲ 39552   ▲ 23857     Particles >6μm   ASTM D7647   >2500   ● 4527   ▲ 8488   ▲ 5737     Particles >14μm   ASTM D7647   >320   42   288   153     Particles >21μm   ASTM D7647   >80   3   42   16     Particles >38μm   ASTM D7647   >20   0   0   0     Particles >71μm   ASTM D7647   >4   0   0   0     Oli Cleanliness   ISO 4406 (c)   >20/18/15   22/19/13   ▲ 22/20/15   ▲ 22/20/14	ppm Water	ppm	ASTM D6304	>100	2	15	0.00		
Particles >6µm   ASTM D7647   >2500   4527   ▲ 8488   ▲ 5737     Particles >14µm   ASTM D7647   >320   42   288   153     Particles >21µm   ASTM D7647   >80   3   42   16     Particles >38µm   ASTM D7647   >20   0   0   0     Particles >38µm   ASTM D7647   >20   0   0   0     Particles >71µm   ASTM D7647   >4   0   0   0     Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/19/13   22/20/15   22/20/14	FLUID CLEANLI	NESS	method	limit/base	current	history1	history2		
Particles >14μm     ASTM D7647     >320     42     288     153       Particles >21μm     ASTM D7647     >80     3     42     16       Particles >38μm     ASTM D7647     >20     0     0     0       Particles >37μm     ASTM D7647     >4     0     0     0       Oli Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1     history2	•								
Particles >21μm     ASTM D7647     >80     3     42     16       Particles >38μm     ASTM D7647     >20     0     0     0       Particles >38μm     ASTM D7647     >20     0     0     0       Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >6µm		ASTM D7647		-				
Particles >38μm     ASTM D7647     >20     0     0     0       Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >14µm								
Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/19/13     22/20/15     22/20/14       FLUID DEGRADATION     method     limit/base     current     history1     history2			ASTM D7647			42			
Oil Cleanliness   ISO 4406 (c) >20/18/15   22/19/13   22/20/15   22/20/14     FLUID DEGRADATION   method   limit/base   current   history1   history2				>20		0			
FLUID DEGRADATION method limit/base current history1 history2									
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>A</b> 22/19/13	▲ 22/20/15	▲ 22/20/14		
Acid Number (AN)     mg KOH/g     ASTM D974     0.014     0.013	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2		
	Acid Number (AN)	mg KOH/g	ASTM D974		0.014	0.014	0.013		

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명 0.00

0.00

0.00

20

E 150

Nater 100

5

12

100

90

80

70

60

cSt (40°C)

Aar29/7

## **OIL ANALYSIS REPORT**

scalar

scalar

scalar

scalar

scalar

scalar

scalar

scalar

cSt

scalar \*Visual

scalar \*Visual

method

\*Visual

\*Visual

\*Visual

\*Visual

\*Visual

\*Visual

\*Visual

\*Visual

method

ASTM D445

method

limit/base

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

limit/base

limit/base

>0.01

current

NONE

NONE

NONE

NONE

LIGHT

NONE

NORML

NORML

curren

current

NEG

NEG

63.7

history1

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

history

historv1

NEG

NEG

63.2

history2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

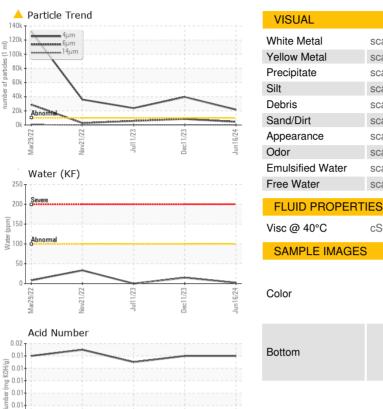
history2

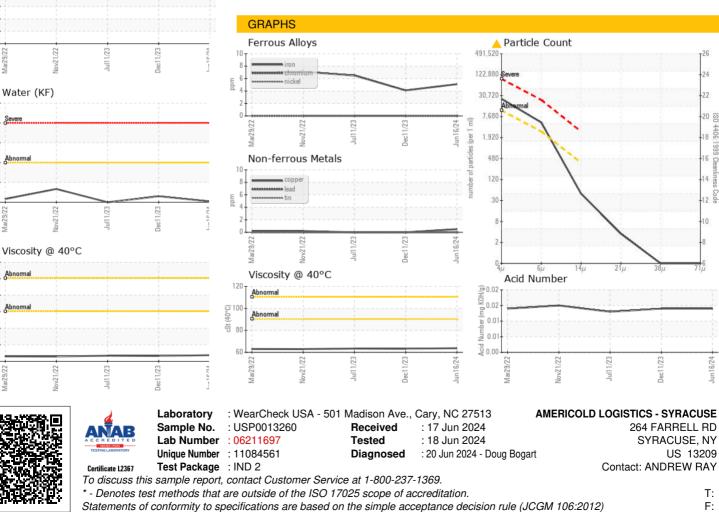
history2

NEG

NEG

63.4





Report Id: AMESYR [WUSCAR] 06211697 (Generated: 06/22/2024 01:02:26) Rev: 1

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