

## **OIL ANALYSIS REPORT**

### Machine Id B2 - FURTHER PROCESS ER (S/N S0373RFMFT0AA03)

Refrigeration Compressor

USPI ALT-68 SC (--- GAL)

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

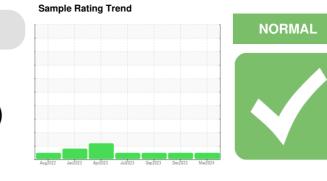
All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

### Fluid Condition

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

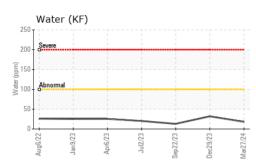


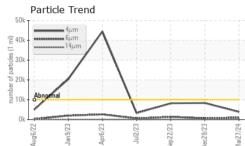
Sample Date     Client Info     27 Mar 2024     29 Dec 2023     22 Sep 202       Machine Age     hrs     Client Info     9593     8579     6633       Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A     NA       Sample Status     Imit/base     current     History1     History1       Iron     ppm     ASTM D5185m     >8     0     0     19       Chromium     ppm     ASTM D5185m     >2     <1     <1     0     0       Nickel     ppm     ASTM D5185m     >2     0	SAMPLE INFORM	ΜΑΤΙΟΝ	method	limit/base	current	history1	history2
Machine Age     hrs     Client Info     9593     8579     6633       Oil Age     hrs     Client Info     0     0     0       Oil Age     Client Info     N/A     N/A     N/A     N/A       Sample Status     Imit/base     current     history     NoRMAL     NORMAL       WEAR METALS     method     Imit/base     current     history     NorMat       Iron     ppm     ASTM D5185m     >2     <1     <1     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       Canadium     ppm     ASTM D5185m     >4     <1     0     0       Barium     ppm     ASTM D5185m     0     0     0     0       Copper     ppm     ASTM D5185m     0     0     0     0       Bariump	Sample Number		Client Info		USP0007949	USP0004975	USP0001690
Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A     N/A       Sample Status     method     imit/base     current     history1     history1       Iron     ppm     ASTM D5185m     >8     0     0     19       Chromium     ppm     ASTM D5185m     2     <1     <1     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       Capper     ppm     ASTM D5185m     >2     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0	Sample Date		Client Info		27 Mar 2024	29 Dec 2023	22 Sep 2023
Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A     N/A       Sample Status     method     imit/base     current     history1     history1       Iron     ppm     ASTM D5185m     >8     0     0     19       Chromium     ppm     ASTM D5185m     2     <1     <1     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       Capper     ppm     ASTM D5185m     >2     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0	Machine Age	hrs	Client Info		9593	8579	6633
Oil Changed     Client Info     N/A     N/A     N/A     N/A       Sample Status     method     limit/base     current     history1     NORMAL     NORMAL       WEAR METALS     method     limit/base     current     history1     history1       Iron     ppm     ASTM D5165m     >8     0     0     19       Chromium     ppm     ASTM D5165m     >2     <1     <1     0     0       Nickel     ppm     ASTM D5165m     >2     0     0     0       Silver     ppm     ASTM D5165m     >3     0     0     0       Lead     ppm     ASTM D5165m     >8     <1     0     0       Cadmium     ppm     ASTM D5165m     0     0     0     0       Cadmium     ppm     ASTM D5165m     0     0     0     0       Cadmium     ppm     ASTM D5165m     0     0     0     0       ADDITIVES     method     limit/base     current <t< th=""><th>•</th><th>hrs</th><th>Client Info</th><th></th><th>0</th><th>0</th><th>0</th></t<>	•	hrs	Client Info		0	0	0
Sample Status     Inclusion     NORMAL     NORMAL     NORMAL     NORMAL       WEAR METALS     method     limit/base     current     history1     history1       Iron     ppm     ASTM D5185m     >8     0     0     19       Chromium     ppm     ASTM D5185m     0     0     <1     0       Nickel     ppm     ASTM D5185m     >2     0     0     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0     0       Auminum     ppm     ASTM D5185m     >2     0 <th>-</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th>N/A</th>	-		Client Info		N/A	N/A	N/A
WEAR METALS     method     limit/base     current     history1     history1       Iron     ppm     ASTM D5165m     >2     <1     <1     0       Nickel     ppm     ASTM D5165m     0     0     <1     0       Nickel     ppm     ASTM D5165m     2     0     0     0       Silver     ppm     ASTM D5165m     >2     0     0     0       Aluminum     ppm     ASTM D5165m     >2     0     0     0       Lead     ppm     ASTM D5165m     >2     0     0     0     0       Vanadium     ppm     ASTM D5165m     2     0     0     0     0       Cadmium     ppm     ASTM D5165m     0     0     0     0     0       Boron     ppm     ASTM D5165m     0     0     0     0     0       Magnesium     ppm     ASTM D5165m     0     0     0     0     0       Solicon     ppm     ASTM	•				NORMAL	NORMAL	NORMAL
Iron     ppm     ASTM D5185m     >8     0     0     19       Chromium     ppm     ASTM D5185m     >2     <1     <1     0       Nickel     ppm     ASTM D5185m     0     0     <1     0       Titanium     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >3     0     0     0       Lead     ppm     ASTM D5185m     >3     0     0     0       Vanadium     ppm     ASTM D5185m     >4     1     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Boron     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0 <			method	limit/base		historv1	history2
Chromium     ppm     ASTM D5185m     >2     <1		nnm					
Nickel     ppm     ASTM D5185m     0     0     <1	-						
Titanium     ppm     ASTM D5185m     <1				~~			
Silver     ppm     ASTM D5185n     >2     0     0     0       Aluminum     ppm     ASTM D5185n     >3     0     0     0       Lead     ppm     ASTM D5185n     >2     0     0     0       Copper     ppm     ASTM D5185n     >8     <1     0     0       Vanadium     ppm     ASTM D5185n     >4     <1     0     0       Cadmium     ppm     ASTM D5185n     >4     <1     0     0       Cadmium     ppm     ASTM D5185n     4     <1     0     0       ADDITIVES     method     limit/base     current     history1     history1       Boron     ppm     ASTM D5185n     0     0     0     0       Magnesium     ppm     ASTM D5185n     0     0     0     0       Calcium     ppm     ASTM D5185n     0     0     0     0       Sulfur     ppm     ASTM D5185n     50     0     0     0					-		
Atuminum     ppm     ASTM D5185m     >3     0     0     0       Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >8     <1     0     <1       Tin     ppm     ASTM D5185m     >4     <1     0     0       Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Boron     ppm     ASTM D5185m     0     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0       Magnenese     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2				. 0			
Lead     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >8     <1     0     <1       Tin     ppm     ASTM D5185m     >4     <1     0     0       Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history1       Boron     ppm     ASTM D5185m     0     0     0     0       Marganese     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Zinc     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     0     0     0     0							
Copper     ppm     ASTM D5185m     >8     <1							
Tin     ppm     ASTM D5185m     >4     <1							
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     0       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Magnese     ppm     ASTM D5185m     0     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0     0       Galcium     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     1     0       Sulfur     ppm     ASTM D5185m     20     1     1							
Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     limit/base     current     history1     history       Boron     ppm     ASTM D5185m     0     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0       Malybdenum     ppm     ASTM D5185m     0     0     0     0       Magnesse     ppm     ASTM D5185m     0     0     0     0       Magnesse     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     0     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history1       Silicon     ppm     ASTM D5185m     50     0     0     2       Sodium     ppm     ASTM D5185m     >20     1     <1     1 <t< th=""><th></th><th></th><th></th><th>&gt;4</th><th></th><th></th><th></th></t<>				>4			
ADDITIVES     method     limit/base     current     history1     history1       Boron     ppm     ASTM D5185m     0     0     0       Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0       Magnesse     ppm     ASTM D5185m     0     0     <1       Magnesium     ppm     ASTM D5185m     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0       Phosphorus     ppm     ASTM D5185m     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history1       Silicon     ppm     ASTM D5185m     >15     <1     <1     <1       Sodium     ppm     ASTM D5185m     >20     1     <1     <1       Vater     %     ASTM D5830     >100							
Boron     ppm     ASTM D5185m     0     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Magnese     ppm     ASTM D5185m     <1     0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history1       Silicon     ppm     ASTM D5185m     >15     <1     <1     <1       Vater     %     ASTM D5185m     >20     1     <1     <1       Vater     %     ASTM D5185m     >20     1     <1     1		ppm	ASTM D5185m		0	0	0
Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     <1       Magnesium     ppm     ASTM D5185m     <1     0     0     <1       Magnesium     ppm     ASTM D5185m     <1     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     0     0     0     0       Zinc     ppm     ASTM D5185m     0     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2     1     <1     <1     0       Sodium     ppm     ASTM D5185m     50     0     1     0     0     0     0     0     0     1     0     1     0     1     0     0     0     0     0     0     0     0     0     0     0     0 <th>ADDITIVES</th> <th></th> <th></th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	ADDITIVES			limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185m     0     0     0       Manganese     ppm     ASTM D5185m     <1     0     <1       Magnesium     ppm     ASTM D5185m     <1     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Zinc     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     1     0       Sodium     ppm     ASTM D5185m     >15     <1     <1     <1     0       Potassium     ppm     ASTM D5185m     >20     1     <1     <1     0       Potassium     ppm     ASTM D5185m     >20     1     <1     <1     0       Patticles >4µm     ASTM D6304     >0.01     0.0002     0.003 <t< th=""><th>Boron</th><th>ppm</th><th>ASTM D5185m</th><th></th><th></th><th></th><th></th></t<>	Boron	ppm	ASTM D5185m				
Manganese     ppm     ASTM D5185m     0     0     <1	Barium	ppm	ASTM D5185m		0	0	0
Magnesium     ppm     ASTM D5185m     <1	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium     ppm     ASTM D5185m     0     0     0       Phosphorus     ppm     ASTM D5185m     0     0     0       Zinc     ppm     ASTM D5185m     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history1       Silicon     ppm     ASTM D5185m     >15     <1     <1     <1       Sodium     ppm     ASTM D5185m     >15     <1     <1     <1       Sodium     ppm     ASTM D5185m     >20     1     <1     <1       Vater     %     ASTM D5185m     >20     1     <1     <1       Water     ppm     ASTM D5185m     >20     1     <1     <1       Water     %     ASTM D6304     >0.01     0.002     0.003     0.001       particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particl	Manganese	ppm	ASTM D5185m		0	0	<1
Phosphorus     ppm     ASTM D5185m     0     0     0       Zinc     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history1       Silicon     ppm     ASTM D5185m     >15     <1     <1     <1       Sodium     ppm     ASTM D5185m     >20     1     <1     0       Potassium     ppm     ASTM D5185m     >20     1     <1     <1     <1       Water     %     ASTM D6304     >0.01     0.002     0.003     0.001       ppm Water     ppm     ASTM D7647     >1000     18     32     13.0       FLUID CLEANLINESS     method     limit/base     current     history1     history1       Particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particles >50µm     ASTM D7647     >20     994	Magnesium	ppm	ASTM D5185m		<1		0
Zinc     ppm     ASTM D5185m     0     0     0     0       Sulfur     ppm     ASTM D5185m     50     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history       Silicon     ppm     ASTM D5185m     >15     <1     <1     <1       Sodium     ppm     ASTM D5185m     >0     1     0     0       Potassium     ppm     ASTM D5185m     >20     1     <1     <1       Water     %     ASTM D6304     >0.01     0.002     0.003     0.001       ppm Water     ppm     ASTM D6304     >100     18     32     13.0       FLUID CLEANLINESS     method     limit/base     current     history1     history       Particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >14µm     ASTM D7647     20     1     0	Calcium	ppm	ASTM D5185m		0	0	0
Sulfur     ppm     ASTM D5185m     50     0     0     2       CONTAMINANTS     method     limit/base     current     history1     history1       Silicon     ppm     ASTM D5185m     >15     <1	Phosphorus	ppm	ASTM D5185m		0	0	0
CONTAMINANTS     method     limit/base     current     history1     history       Silicon     ppm     ASTM D5185m     >15     <1     <1     <1       Sodium     ppm     ASTM D5185m     >15     <1     <1     <1     0       Potassium     ppm     ASTM D5185m     >20     1     <1     <1     0       Potassium     ppm     ASTM D5185m     >20     1     <1     <1     0       Water     %     ASTM D6304     >0.01     0.002     0.003     0.001       ppm Water     ppm     ASTM D6304     >100     18     32     13.0       FLUID CLEANLINESS     method     limit/base     current     history1     history1       Particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >14µm     ASTM D7647     >320     43     16     44       Particles >38µm     ASTM D7647	Zinc	ppm	ASTM D5185m		0	0	0
Silicon   ppm   ASTM D5185m   >15   <1	Sulfur	ppm	ASTM D5185m	50	0	0	2
Sodium     ppm     ASTM D5185m     0     1     0       Potassium     ppm     ASTM D5185m<>20     1     <1     <1     <1       Water     %     ASTM D6304<>0.01     0.002     0.003     0.001       ppm Water     ppm     ASTM D6304     >100     18     32     13.0       FLUID CLEANLINESS     method     limit/base     current     history1     history       Particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >6µm     ASTM D7647     >320     43     16     44       Particles >21µm     ASTM D7647     >80     8     4     6       Particles >38µm     ASTM D7647     >20     1     0     0     0       Particles >71µm     ASTM D7647     >20     1     0     0     0     0     0       Oli Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/	CONTAMINANTS	\$	method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185m     >20     1     <1	Silicon	ppm	ASTM D5185m	>15	<1	<1	
Water     %     ASTM D6304     >0.01     0.002     0.003     0.001       ppm Water     ppm     ASTM D6304     >100     18     32     13.0       FLUID CLEANLINESS     method     limit/base     current     history1     history       Particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >14µm     ASTM D7647     >320     43     16     44       Particles >21µm     ASTM D7647     >80     8     4     6       Particles >38µm     ASTM D7647     >20     1     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1 <	Sodium	ppm	ASTM D5185m		0		0
ppm Water     ppm     ASTM D6304     >100     18     32     13.0       FLUID CLEANLINESS     method     limit/base     current     history1     history1       Particles >4µm     ASTM D7647     >10000     3860     8346     8185       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >6µm     ASTM D7647     >2500     994     682     1367       Particles >14µm     ASTM D7647     >320     43     16     44       Particles >21µm     ASTM D7647     >80     8     4     6       Particles >38µm     ASTM D7647     >20     1     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1	Potassium	ppm	ASTM D5185m	>20		<1	<1
FLUID CLEANLINESS     method     limit/base     current     history1     history1       Particles >4 $\mu$ m     ASTM D7647     >10000     3860     8346     8185       Particles >6 $\mu$ m     ASTM D7647     >2500     994     682     1367       Particles >6 $\mu$ m     ASTM D7647     >2200     43     16     44       Particles >21 $\mu$ m     ASTM D7647     >80     8     4     6       Particles >21 $\mu$ m     ASTM D7647     >20     1     0     0       Particles >38 $\mu$ m     ASTM D7647     >20     1     0     0       Particles >71 $\mu$ m     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1	Water	%	ASTM D6304	>0.01	0.002	0.003	0.001
Particles >4μm   ASTM D7647   >10000   3860   8346   8185     Particles >6μm   ASTM D7647   >2500   994   682   1367     Particles >14μm   ASTM D7647   >320   43   16   44     Particles >21μm   ASTM D7647   >80   8   4   6     Particles >21μm   ASTM D7647   >20   1   0   0     Particles >38μm   ASTM D7647   >20   1   0   0     Particles >71μm   ASTM D7647   >4   0   0   0     Oil Cleanliness   ISO 4406 (c)   >20/18/15   19/17/13   20/17/11   20/18/13     FLUID DEGRADATION   method   limit/base   current   history1   history1	ppm Water	ppm	ASTM D6304	>100	18	32	13.0
Particles >6μm     ASTM D7647     >2500     994     682     1367       Particles >14μm     ASTM D7647     >320     43     16     44       Particles >21μm     ASTM D7647     >80     8     4     6       Particles >21μm     ASTM D7647     >80     8     4     6       Particles >38μm     ASTM D7647     >20     1     0     0       Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14μm   ASTM D7647   >320   43   16   44     Particles >21μm   ASTM D7647   >80   8   4   6     Particles >21μm   ASTM D7647   >20   1   0   0     Particles >38μm   ASTM D7647   >20   1   0   0     Particles >71μm   ASTM D7647   >4   0   0   0     Oil Cleanliness   ISO 4406 (c)   >20/18/15   19/17/13   20/17/11   20/18/13     FLUID DEGRADATION   method   limit/base   current   history1   history1							
Particles >21μm     ASTM D7647     >80     8     4     6       Particles >38μm     ASTM D7647     >20     1     0     0       Particles >38μm     ASTM D7647     >20     1     0     0       Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1			ASTM D7647	>2500		682	
Particles >38μm     ASTM D7647     >20     1     0     0       Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1							
Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >20/18/15     19/17/13     20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1				>80	8	4	6
Oil Cleanliness     ISO 4406 (c)     >20/18/15 <b>19/17/13</b> 20/17/11     20/18/13       FLUID DEGRADATION     method     limit/base     current     history1     history1	Particles >38µm		ASTM D7647	>20		0	0
FLUID DEGRADATION method limit/base current history1 history	Particles >71µm		ASTM D7647	>4	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/17/13	20/17/11	20/18/13
Acid Number (AN) mg KOH/g ASTM D974 0.005 0.014 0.013 0.013	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.013	0.013

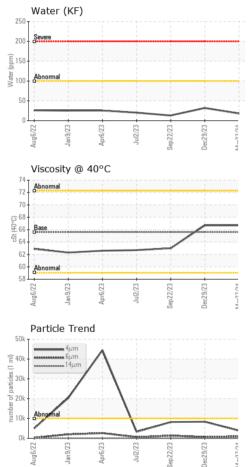
Contact/Location: Service Manager - TYSKEYEUF Page 1 of 2



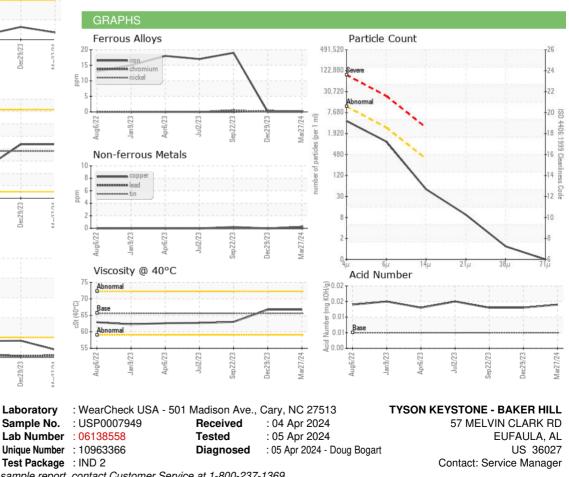
# **OIL ANALYSIS REPORT**







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	NONE
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	>0.01	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	65.6	66.7	66.7	63.0
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color				HI3 - 12 - FF		
Bottom				100	(2)	1/201



To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - 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)

Report Id: TYSKEYEUF [WUSCAR] 06138558 (Generated: 04/05/2024 23:42:51) Rev: 1

Certificate 12367

Contact/Location: Service Manager - TYSKEYEUF

T:

F: