

## **OIL ANALYSIS REPORT**

#### Sample Rating Trend



### **FS ELLIOTT C1EU2E262 - AMERICAN & EFIRD** Component

Compressor Fluid

FSE TURBO COOL 32 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

MPC (Membrane Patch Colorimetry) test indicates acceptable levels of varnish present. There is no indication of any contamination in the oil.

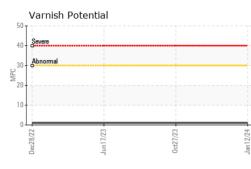
#### Fluid Condition

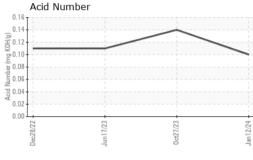
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

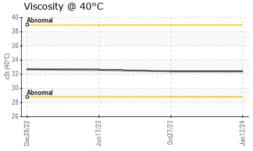
SAMPLE INFORMATION         method         limit/base         current         history1         history2           Sample Number         Client Info         12 Jan 2024         27 Oct 2023         17 Jun 2023           Machine Age         hrs         Client Info         8683         7511         5125           Oil Age         hrs         Client Info         8683         7511         5125           Oil Changed         Client Info         8683         7511         5125           Oil Changed         Client Info         N/A         N/A         N/A           Sample Status          NORMAL         NORMAL         NORMAL           CONTAMINATION         method         Imit/base         current         history1         history2           Water         WC Method >0.1         NEG         NEG         NEG           Iron         ppm         ASTM D5185m         >10         0         0         0           Kikel         ppm         ASTM D5185m         >25         0         0         0           Iron         ppm         ASTM D5185m         >25         0         0         0           Aluminum         ppm         ASTM D5185m         >50         <1 <th></th> <th></th> <th>Dec202</th> <th>2 Jun2023</th> <th>Oct2023 J</th> <th>an2024</th> <th></th>			Dec202	2 Jun2023	Oct2023 J	an2024	
Sample Date         Client Info         12 Jan 2024         27 Oct 2023         17 Jun 2023           Machine Age         hrs         Client Info         6683         7511         5125           Oil Age         hrs         Client Info         8683         7511         5125           Oil Age         hrs         Client Info         N/A         N/A         N/A           Sample Status         Client Info         N/A         N/A         N/A           Sample Status         method         limit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           Chromium         ppm         ASTM D5185m         0         0         0         0           Nickel         ppm         ASTM D5185m         0         0         0         0         0           Silver         ppm         ASTM D5185m         >25         0         0         0         0         0           Aluminum         ppm         ASTM D5185m         >15         0         0         0         0         0         0         0         0         0         0         0         0         0	SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         8683         7511         5125           Oil Age         hrs         Client Info         96833         7511         5125           Oil Changed         Client Info         N/A         N/A         N/A           Sample Status         I         Imit/base         current         history1         history2           Water         WC Method         >.0.1         NEG         NEG         NEG           WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >.50         0         0         0           Nickel         ppm         ASTM D5185m         >.50         0         0         0           Silver         ppm         ASTM D5185m         >.50         0         0         0           Lead         ppm         ASTM D5185m         >.50         0         0         0           Copper         ppm         ASTM D5185m         >.50         0         0         0           Copper         ppm         ASTM D5185m         >.00         0         0         0           Madium         pp	Sample Number		Client Info		WC0874259	WC0781054	WC0781050
Oil Age         hrs         Client Info         5683         7511         5125           Oil Changed         Client Info         N/A         N/A         N/A           Sample Status         Image         Client Info         N/A         N/A         N/A           CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM 05185m         >50         0         0         0           Nickel         ppm         ASTM 05185m         0         0         0         0           Silver         ppm         ASTM 05185m         >25         0         0         0         0           Aluminum         ppm         ASTM 05185m         >50         0         0         0         0           Aluminum         ppm         ASTM 05185m         >50         0         0         0         0           Silver         ppm         ASTM 05185m         >50         0         0         0 </th <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>12 Jan 2024</th> <th>27 Oct 2023</th> <th>17 Jun 2023</th>	Sample Date		Client Info		12 Jan 2024	27 Oct 2023	17 Jun 2023
Oil Charged Sample Status         Client Info         N/A         N/A         N/A           Sample Status         nethod         imit/base         current         history1         NoRMAL           CONTAMINATION         method         imit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           Wear         WC Method         >0.1         NEG         NEG         NEG           Iron         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         10         0         0         0           Nickel         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         >25         0         0         0           Cadmium         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >50         <1         <1         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Cadmium	Machine Age	hrs	Client Info		8683	7511	5125
Sample Status         Image of the status         NORMAL         NORMAL         NORMAL         NORMAL           CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Chromium         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         >25         0         0         0         0           Silver         ppm         ASTM D5185m         >25         0         0         0         0           Lead         ppm         ASTM D5185m         >50         <1         <1         0         0           Cadmium         ppm         ASTM D5185m         >50         <1         <1         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m <td< th=""><th>Oil Age</th><th>hrs</th><th>Client Info</th><th></th><th>8683</th><th>7511</th><th>5125</th></td<>	Oil Age	hrs	Client Info		8683	7511	5125
CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         0         0         0         0           Nickel         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         0         0         0         0           Lead         ppm         ASTM D5185m         >25         0         0         0           Vanadium         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >50         <1         <0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0         0           Boron         ppm         ASTM D5185m         0         0         0 <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th>N/A</th>	Oil Changed		Client Info		N/A	N/A	N/A
Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Chromium         ppm         ASTM D5185m         >10         0         0         <1           Nickel         ppm         ASTM D5185m         0         0         0         0           Nickel         ppm         ASTM D5185m         25         0         0         0           Silver         ppm         ASTM D5185m         >25         0         0         0           Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >50         1         1         0           Copper         ppm         ASTM D5185m         >50         1         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0 <tr< th=""><th>Sample Status</th><th></th><th></th><th></th><th>NORMAL</th><th>NORMAL</th><th>NORMAL</th></tr<>	Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         0         0         0         1           Nickel         ppm         ASTM D5185m         0         0         0         1           Titanium         ppm         ASTM D5185m         0         0         0         1           Silver         ppm         ASTM D5185m         25         0         0         0           Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >50         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Boron         ppm         ASTM D5185m         0         0         0         0	CONTAMINATION	١	method	limit/base	current	history1	history2
Iron         ppm         ASTM D5185m         >50         0         0         0           Chromium         ppm         ASTM D5185m         >10         0         0         <1           Nickel         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         0         0         0         0           Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >25         0         0         0           Copper         ppm         ASTM D5185m         >15         0         0         0           Vanadium         ppm         ASTM D5185m         >15         0         0         0           Cadmium         ppm         ASTM D5185m         16         0         0         0           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0 <th>Water</th> <th></th> <th>WC Method</th> <th>&gt;0.1</th> <th>NEG</th> <th>NEG</th> <th>NEG</th>	Water		WC Method	>0.1	NEG	NEG	NEG
Chromium         ppm         ASTM D5185m         >10         0         0         0           Nickel         ppm         ASTM D5185m         0         0         <1           Titanium         ppm         ASTM D5185m         0         0         0           Silver         ppm         ASTM D5185m         25         0         0         0           Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >25         0         0         0           Copper         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >50         <1         <1         0         0           Cadmium         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	WEAR METALS		method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         0         0         <1	Iron	ppm	ASTM D5185m	>50	0	0	0
Titanium         ppm         ASTM D5185m         0         0         0           ASTM D5185m         0         0         0         0           Auminum         ppm         ASTM D5185m         0         0         0           Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >25         0         0         0           Copper         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >50         <1         <1         0           Vanadium         ppm         ASTM D5185m         >15         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDTTVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Manganese         ppm         ASTM D5185m         0         0         0         0           Colatium         ppm         ASTM D5	Chromium	ppm	ASTM D5185m	>10	0	0	0
Silver         ppm         ASTM D5185m         0         0         0           Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >25         0         0         0           Copper         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >50         <1         <1         0           Vanadium         ppm         ASTM D5185m         >15         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Magnaesee         ppm         ASTM D5185m         0         0         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172	Nickel	ppm	ASTM D5185m		0	0	<1
Aluminum         ppm         ASTM D5185m         >25         0         0         0           Lead         ppm         ASTM D5185m         >25         0         0         0           Copper         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >15         0         0         0           Vanadium         ppm         ASTM D5185m         0         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           Boron         ppm         ASTM D5185m         0         0         0         0           Magnaese         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0         0           Suffer         ppm         ASTM D5185m         2         0         0         0	Titanium	ppm	ASTM D5185m		0	0	0
Lead         ppm         ASTM D5185m         >25         0         0         0           Copper         ppm         ASTM D5185m         >50         <1         <1         0           Tin         ppm         ASTM D5185m         >15         0         0         0           Vanadium         ppm         ASTM D5185m         >15         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0         0         0           Calcium         ppm         ASTM D5185m         162         166         172         2           Phosphorus         ppm         ASTM D5185m         25         1         2 <th>Silver</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Silver	ppm	ASTM D5185m		0	0	0
Copper         ppm         ASTM D5185m         >50         <1	Aluminum	ppm	ASTM D5185m	>25	0	0	0
Tin         ppm         ASTM D5185m         >15         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         25         1         2         <1	Lead	ppm	ASTM D5185m	>25	0	0	0
Vanadium         ppm         ASTM D5185m         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         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           Calcium         ppm         ASTM D5185m         0         0         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon	Copper	ppm	ASTM D5185m	>50	<1	<1	0
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m000BariumppmASTM D5185m000BariumppmASTM D5185m000MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m000MagnesiumppmASTM D5185m000CalciumppmASTM D5185m000CalciumppmASTM D5185m162166172PhosphorusppmASTM D5185m000SulfurppmASTM D5185m7859113CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m20<102PotassiumppmASTM D5185m20<102FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOHlgASTM D80450.100.140.11	Tin	ppm	ASTM D5185m	>15	0	0	0
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m000BariumppmASTM D5185m605MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m0<1<1MagnesiumppmASTM D5185m000CalciumppmASTM D5185m000CalciumppmASTM D5185m162166172PhosphorusppmASTM D5185m162166172ZincppmASTM D5185m7859113CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m25122PotassiumppmASTM D5185m>20<102FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.100.140.11	Vanadium	ppm	ASTM D5185m		0	0	0
Boron         ppm         ASTM D5185m         0         0         0           Barium         ppm         ASTM D5185m         6         0         5           Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         2         <1           Sodium         ppm         ASTM D5185m         >20         <1         0         2           Potassium         ppm         ASTM D5185m         >20         <1         0 <th>Cadmium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Cadmium	ppm	ASTM D5185m		0	0	0
Barium         ppm         ASTM D5185m         6         0         5           Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         2         <1           Sodium         ppm         ASTM D5185m         >20         <1         0         2           Potassium         ppm         ASTM D5185m         >20         <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         2         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         2         <1           Sodium         ppm         ASTM D5185m         >20         <1         0         2           Potassium         ppm         ASTM D5185m         >20         <1         0         2           FLUID DEGRADATION         method         limit/base	Boron	ppm	ASTM D5185m		0	0	0
Manganese         ppm         ASTM D5185m         0         <1	Barium	ppm	ASTM D5185m		6	0	5
Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         2         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m<>25         1         2         <1           Sodium         ppm         ASTM D5185m<>20         <1         0         2           Potassium         ppm         ASTM D5185m<>20         <1         0         2           FLUID DEGRADATION         method         limit/base         current         history1         history2           Acid Number (AN)         mg KOH/g         ASTM D8045         0.10         0.14         0.11	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium         ppm         ASTM D5185m         2         0         2           Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m<>25         1         2         <1           Sodium         ppm         ASTM D5185m<>25         3         2         2           Potassium         ppm         ASTM D5185m<>20         <1	Manganese	ppm	ASTM D5185m		0	<1	<1
Phosphorus         ppm         ASTM D5185m         162         166         172           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         2         <1	Magnesium	ppm	ASTM D5185m		0	0	0
Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         78         59         113           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         2         <1           Sodium         ppm         ASTM D5185m         >25         1         2         2           Potassium         ppm         ASTM D5185m         >20         <1         0         2           FLUID DEGRADATION         method         limit/base         current         history1         history2           Acid Number (AN)         mg KOH/g         ASTM D8045         0.10         0.14         0.11	Calcium	ppm	ASTM D5185m		2	0	2
SulfurppmASTM D5185m7859113CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>2512<1SodiumppmASTM D5185m322PotassiumppmASTM D5185m>20<102FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.100.140.11	Phosphorus	ppm	ASTM D5185m		162	166	172
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>2512<1SodiumppmASTM D5185m322PotassiumppmASTM D5185m>20<102FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.100.140.11	Zinc	ppm	ASTM D5185m		0	0	0
Silicon         ppm         ASTM D5185m         >25         1         2         <1	Sulfur	ppm	ASTM D5185m		78	59	113
Sodium         ppm         ASTM D5185m         3         2         2           Potassium         ppm         ASTM D5185m         >20         <1         0         2           FLUID DEGRADATION         method         limit/base         current         history1         history2           Acid Number (AN)         mg KOH/g         ASTM D8045         0.10         0.14         0.11	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185m     >20     <1	Silicon	ppm	ASTM D5185m	>25	1	2	<1
FLUID DEGRADATION       method       limit/base       current       history1       history2         Acid Number (AN)       mg KOH/g       ASTM D8045       0.10       0.14       0.11	Sodium	ppm	ASTM D5185m		3	2	2
Acid Number (AN)         mg KOH/g         ASTM D8045         0.10         0.14         0.11	Potassium	ppm	ASTM D5185m	>20	<1	0	2
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
MPC Varnish Potential         Scale         ASTM D7843         >15         1         1         1	Acid Number (AN)	mg KOH/g	ASTM D8045		0.10	0.14	0.11
	MPC Varnish Potential	Scale	ASTM D7843	>15	1	1	1



# **OIL ANALYSIS REPORT**

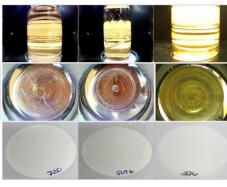






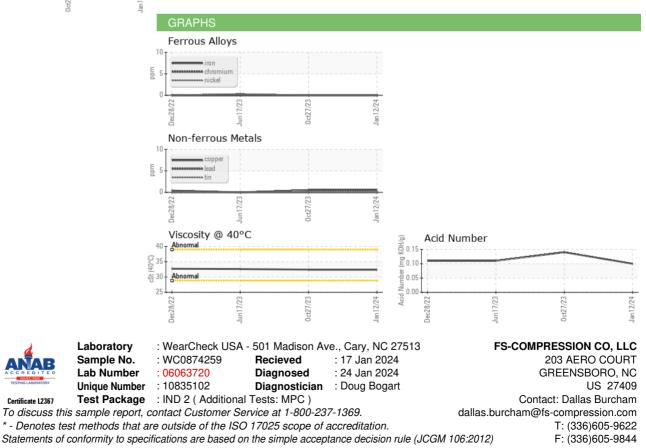
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	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		32.4	32.4	32.6
SAMPLE IMAGES		method	limit/base	current	history1	history2

Color



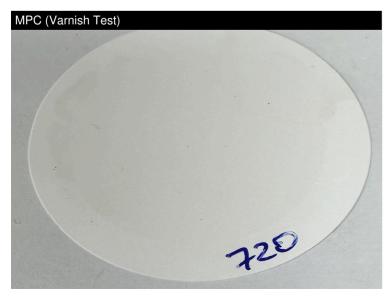
Bottom

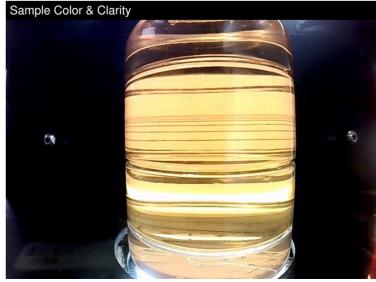
MPC



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Contact/Location: Dallas Burcham - AIRGREWC





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