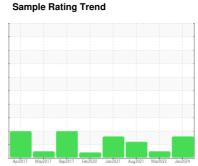


# **OIL ANALYSIS REPORT**



Steering

**MOBIL MOBILTRANS AST 30 (--- 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 fluid.

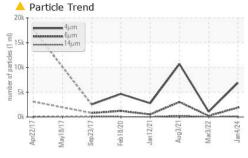
#### **Fluid Condition**

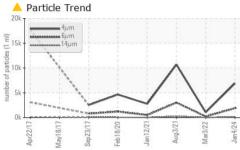
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

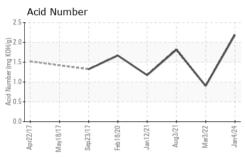
Sample Date	A31 30 ( GAL)		Apr2017 N	May2017 Sep2017 Feb202	20 Jan 2021 Aug 2021 Mar 2022	. Jan 2024	
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         8619         7510         7071           Oil Age         hrs         Client Info         1659         1050         111           Oil Changed         Client Info         Not Changd	Sample Number		Client Info		WC0874019	WC0670394	WC0606261
Oil Age         hrs         Client Info         1659         1050         111           Oil Changed Sample Status         Client Info         Not Changd ABNORMAL         Not Changd Nor	Sample Date		Client Info		04 Jan 2024	03 Mar 2022	03 Aug 2021
Oil Changed Sample Status         Client Info         Not Changd ABNORMAL         ABNORMAL           CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >60         0         5         2           Chromium         ppm         ASTM D5185m         >12         -1         0         <1	Machine Age	hrs	Client Info		8619	7510	7071
ABNORMAL   NORMAL   ABNORMAL   CONTAMINATION   method   limit/base   current   history1   history2	Oil Age	hrs	Client Info		1659	1050	111
CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ASTM D5185m         >60         0         5         2           Chromium         ppm         ASTM D5185m         >12         1         0         <1	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Water         WC Method         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >60         0         5         2           Chromium         ppm         ASTM D5185m         >60         0         0         <1           Nickel         ppm         ASTM D5185m         >6         0         0         0           Silver         ppm         ASTM D5185m         0         0         0         1           Aluminum         ppm         ASTM D5185m         -4         1         2         1           Aluminum         ppm         ASTM D5185m         -12         1         <1         <1         <1           Lead         ppm         ASTM D5185m         -30         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1	Sample Status				ABNORMAL	NORMAL	ABNORMAL
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >60         0         5         2           Chromium         ppm         ASTM D5185m         >12         <1         0         <1           Nickel         ppm         ASTM D5185m         >6         0         0         0           Titanium         ppm         ASTM D5185m         <1         <1         <1         <1           Silver         ppm         ASTM D5185m         0         0         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1<	CONTAMINATION	١	method	limit/base	current	history1	history2
Iron	Water		WC Method		NEG	NEG	NEG
Chromium         ppm         ASTM D5185m         >12         <1         0         <1           Nickel         ppm         ASTM D5185m         >6         0         0         0           Tittanium         ppm         ASTM D5185m         <1         <1         <1         <1           Siliver         ppm         ASTM D5185m         <4         1         2         1           Aluminum         ppm         ASTM D5185m         >4         1         2         1           Lead         ppm         ASTM D5185m         >12         1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1 <td>WEAR METALS</td> <td></td> <td>method</td> <td>limit/base</td> <th>current</th> <td>history1</td> <td>history2</td>	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>60	0	5	2
Titanium         ppm         ASTM D5185m         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1 <td>Chromium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;12</td> <th>&lt;1</th> <td>0</td> <td>&lt;1</td>	Chromium	ppm	ASTM D5185m	>12	<1	0	<1
Silver	Nickel	ppm	ASTM D5185m	>6	0	0	0
Aluminum         ppm         ASTM D5185m         >4         1         2         1           Lead         ppm         ASTM D5185m         >12         1         <1	Titanium	ppm	ASTM D5185m		<1	<1	<1
Lead         ppm         ASTM D5185m         >12         1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1	Silver	ppm	ASTM D5185m		0	0	<1
Copper         ppm         ASTM D5185m         >30         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1	Aluminum	ppm	ASTM D5185m	>4	1	2	1
Tin ppm ASTM D5185m	Lead	ppm	ASTM D5185m	>12	1	<1	<1
Antimony         ppm         ASTM D5185m          2273         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         39         29         44           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         <1         1         1           Manganese         ppm         ASTM D5185m         <1         <1         <1           Magnesium         ppm         ASTM D5185m         21         20         19           Calcium         ppm         ASTM D5185m         2954         3032         3057           Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         >10         6         6         5 <td>Copper</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;30</td> <th>&lt;1</th> <td>&lt;1</td> <td>&lt;1</td>	Copper	ppm	ASTM D5185m	>30	<1	<1	<1
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         39         29         44           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         <1         1         1           Manganese         ppm         ASTM D5185m         21         20         19           Calcium         ppm         ASTM D5185m         2954         3032         3057           Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2	Tin	ppm	ASTM D5185m		<1	0	<1
Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         39         29         44           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         <1	Antimony	ppm	ASTM D5185m			2273	0
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         39         29         44           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         <1	Vanadium	ppm	ASTM D5185m		0	0	0
Boron ppm ASTM D5185m 0 0 0 0  Molybdenum ppm ASTM D5185m 0 0 0 0  Molybdenum ppm ASTM D5185m <1 1 1 1  Manganese ppm ASTM D5185m <1 <1 <1 <1 <1 <1 Magnesium ppm ASTM D5185m 21 20 19  Calcium ppm ASTM D5185m 1032 1015 987  Zinc ppm ASTM D5185m 1032 1015 987  Zinc ppm ASTM D5185m 1218 1126 1150  Sulfur ppm ASTM D5185m 4530 4369 4487  CONTAMINANTS method limit/base current history1 history2  Silicon ppm ASTM D5185m 2 2 2 2 2  Potassium ppm ASTM D5185m 2 2 2 2 2  Potassium ppm ASTM D5185m >20 0 0 0  FLUID CLEANLINESS method limit/base current history1 history2  Particles >4μm ASTM D7647 640 1892 218  3031  Particles >14μm ASTM D7647 >640 1892 218  3031  Particles >14μm ASTM D7647 >640 119 20  271  Particles >21μm ASTM D7647 >20 10 0 0  Particles >38μm ASTM D7647 >4 0 1 0  Particles >71μm ASTM D7647 >4 0 1 0	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m <1 1 1 1 Manganese ppm ASTM D5185m <1 1 1 1 Magnesium ppm ASTM D5185m 21 20 19 Calcium ppm ASTM D5185m 2954 3032 3057 Phosphorus ppm ASTM D5185m 1032 1015 987 Zinc ppm ASTM D5185m 1218 1126 1150 Sulfur ppm ASTM D5185m 4530 4369 4487  CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 2 2 2 2 Potassium ppm ASTM D5185m >20 0 0 0  FLUID CLEANLINESS method limit/base current history1 history2 Particles >4μm ASTM D5185m >20 0 0 0 0  FLUID CLEANLINESS method limit/base current history1 history2 Particles >6μm ASTM D7647 6898 1059 10685 Particles >6μm ASTM D7647 >640 1892 218 3031 Particles >14μm ASTM D7647 >80 119 20 271 Particles >21 2 2 7 58 Particles >21 μm ASTM D7647 >20 2 2 7 58 Particles >38μm ASTM D7647 >4 0 1 0 Particles >71μm ASTM D7647 >4 0 1 0	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         <1         1         1           Manganese         ppm         ASTM D5185m         21         <1         <1           Magnesium         ppm         ASTM D5185m         2954         3032         3057           Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >640         1892         218         3031           Particles >21µm	Boron	ppm	ASTM D5185m		39	29	44
Manganese         ppm         ASTM D5185m         <1         <1         <1           Magnesium         ppm         ASTM D5185m         21         20         19           Calcium         ppm         ASTM D5185m         2954         3032         3057           Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >640         1892         218         3031           Particles >21μm <td>Barium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>0</th> <td>0</td> <td>0</td>	Barium	ppm	ASTM D5185m		0	0	0
Magnesium         ppm         ASTM D5185m         21         20         19           Calcium         ppm         ASTM D5185m         2954         3032         3057           Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         3031           Particles >1μm         ASTM D7647         >80         119         20         271         58           Particles >38μm         <	Molybdenum	ppm	ASTM D5185m		<1	1	1
Calcium         ppm         ASTM D5185m         2954         3032         3057           Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218          3031           Particles >1μm         ASTM D7647         >20          22         7          58	Manganese	ppm	ASTM D5185m		<1	<1	<1
Phosphorus         ppm         ASTM D5185m         1032         1015         987           Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         3031           Particles >14μm         ASTM D7647         >80         119         20         271           Particles >21μm         ASTM D7647         >20         22         7         58           Particles >71μm	Magnesium	ppm	ASTM D5185m		21	20	19
Zinc         ppm         ASTM D5185m         1218         1126         1150           Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         640         ▲ 1892         218         ▲ 3031           Particles >6μm         ASTM D7647         >80         ▲ 119         20         ▲ 271           Particles >21μm         ASTM D7647         >20         ▲ 22         7         ▲ 58           Particles >38μm         ASTM D7647         >4         0         1         0           Particles >71μm         ASTM D7647         >3         0         0         0	Calcium	ppm	ASTM D5185m		2954	3032	3057
Sulfur         ppm         ASTM D5185m         4530         4369         4487           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         6898         1059         10685           Particles >6µm         ASTM D7647         >640         1892         218         3031           Particles >14µm         ASTM D7647         >80         119         20         271           Particles >21µm         ASTM D7647         >20         22         7         58           Particles >38µm         ASTM D7647         >4         0         1         0           Particles >71µm         ASTM D7647         >3         0         0         0	Phosphorus	ppm	ASTM D5185m		1032	1015	987
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         Δ         3031           Particles >14μm         ASTM D7647         >80         Δ         119         20         Δ         271           Particles >21μm         ASTM D7647         >20         Δ         22         7         Δ         58           Particles >38μm         ASTM D7647         >4         0         1         0           Particles >71μm         ASTM D7647         >3         0         0         0	Zinc	ppm	ASTM D5185m		1218	1126	1150
Silicon         ppm         ASTM D5185m         >10         6         6         5           Sodium         ppm         ASTM D5185m         2         2         2         2           Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         3031           Particles >14μm         ASTM D7647         >80         119         20         271           Particles >21μm         ASTM D7647         >20         22         7         58           Particles >38μm         ASTM D7647         >4         0         1         0           Particles >71μm         ASTM D7647         >3         0         0         0	Sulfur	ppm	ASTM D5185m		4530	4369	4487
Sodium         ppm         ASTM D5185m         2         2         2         2         2         Potassium         ppm         ASTM D5185m         >20         0	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium         ppm         ASTM D5185m         >20         0         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         Δ3031           Particles >14μm         ASTM D7647         >80         119         20         Δ271           Particles >21μm         ASTM D7647         >20         Δ22         7         Δ58           Particles >38μm         ASTM D7647         >4         0         1         0           Particles >71μm         ASTM D7647         >3         0         0         0	Silicon	ppm	ASTM D5185m	>10	6	6	5
FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         3031           Particles >14μm         ASTM D7647         >80         119         20         271           Particles >21μm         ASTM D7647         >20         22         7         58           Particles >38μm         ASTM D7647         >4         0         1         0           Particles >71μm         ASTM D7647         >3         0         0         0	Sodium	ppm	ASTM D5185m		2	2	2
Particles >4μm         ASTM D7647         6898         1059         10685           Particles >6μm         ASTM D7647         >640         1892         218         3031           Particles >14μm         ASTM D7647         >80         119         20         271           Particles >21μm         ASTM D7647         >20         22         7         58           Particles >38μm         ASTM D7647         >4         0         1         0           Particles >71μm         ASTM D7647         >3         0         0         0	Potassium	ppm	ASTM D5185m	>20	0	0	0
Particles >6μm       ASTM D7647       >640       1892       218       3031         Particles >14μm       ASTM D7647       >80       119       20       271         Particles >21μm       ASTM D7647       >20       22       7       58         Particles >38μm       ASTM D7647       >4       0       1       0         Particles >71μm       ASTM D7647       >3       0       0       0	FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >14μm       ASTM D7647       >80       Δ 119       20       Δ 271         Particles >21μm       ASTM D7647       >20       Δ 22       7       Δ 58         Particles >38μm       ASTM D7647       >4       0       1       0         Particles >71μm       ASTM D7647       >3       0       0       0	Particles >4µm		ASTM D7647		6898	1059	10685
Particles >21μm       ASTM D7647       >20       Δ 22       7       Δ 58         Particles >38μm       ASTM D7647       >4       0       1       0         Particles >71μm       ASTM D7647       >3       0       0       0	Particles >6µm		ASTM D7647	>640	<b>1892</b>	218	△ 3031
Particles >38μm       ASTM D7647       >4       0       1       0         Particles >71μm       ASTM D7647       >3       0       0       0	Particles >14µm		ASTM D7647	>80	<u> </u>	20	<u> </u>
Particles >71μm	Particles >21µm		ASTM D7647	>20	<u>^</u> 22	7	<u></u> 58
	Particles >38µm		ASTM D7647	>4	0	1	0
Oil Cleanliness ISO 4406 (c) >/16/13 🛕 20/18/14 17/15/11 🛕 21/19/15	Particles >71µm		ASTM D7647	>3	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>/16/13	<u>20/18/14</u>	17/15/11	<u>^</u> 21/19/15

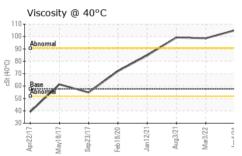


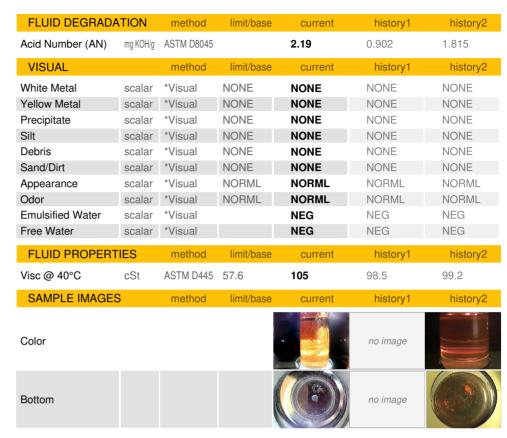
## OIL ANALYSIS REPORT

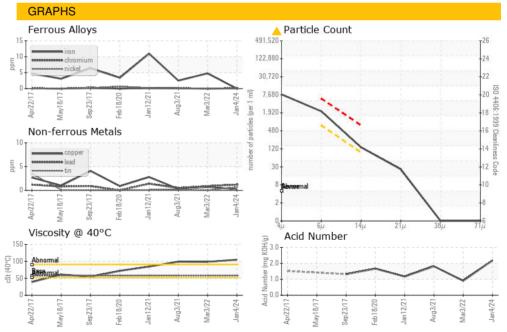
















Laboratory Sample No.

Lab Number

: 06076817 **Unique Number** : 10858908

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0874019 Received **Tested** 

Diagnosed Test Package : CONST ( Additional Tests: PrtCount )

: 01 Feb 2024 : 02 Feb 2024 : 02 Feb 2024 - Don Baldridge

SHERWOOD CONSTRUCTION CO INC 3219 WEST MAY ST

WICHITA, KS US 67213 Contact: DOUG KING

doug.king@sherwood.net

T: (316)617-3161

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)

F: x: