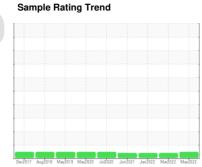


# **OIL ANALYSIS REPORT**



KANSAS/15/EG - EXCAVATOR 20.134L [KANSAS^15^EG - EXCAVATOR]

Hydraulic System CAT HYDO (--- GAL)





## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

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**

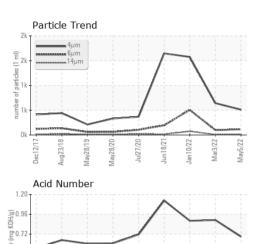
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

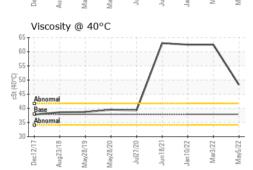
Sample Number         Client Info         WC0673466         WC0584787         WC0621778           Sample Date         Client Info         05 May 2022         03 Mar 2022         10 Jan 2022           Machine Age         hrs         Client Info         7627         7460         7377           Oil Age         hrs         Client Info         Not Changd         Changed         Not Changd           Oil Changed         Client Info         Not Changd         ATTENTION           CONTAMINATION         method         Imit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM05185m         >20         3         6         6         6           Chromium         ppm         ASTM05185m         >10         0         <1							
Sample Date   Client Info   05 May 2022   03 Mar 2022   10 Jan 2022	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Date   Client Info   05 May 2022   03 Mar 2022   10 Jan 2022	Sample Number		Client Info		WC0673466	WC0584787	WC0621174
Oil Age         hrs         Client Info         167         7377         7188           Oil Changed         Client Info         Not Changed         Changed         Not Changed         Not Changed         Not Changed         Not Changed         Not Changed         Not Changed         ATTENTION         ATTENTION           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         >20         3         6         6         6           Chromium         ppm         ASTM D5185m         >10         0         <1         <1         <1           Kilver         ppm         ASTM D5185m         >10         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         <	Sample Date		Client Info		05 May 2022	03 Mar 2022	10 Jan 2022
Oil Changed Sample Status	Machine Age	hrs	Client Info		7627	7460	
NORMAL   ATTENTION   ATTENT	Oil Age	hrs	Client Info		167	7377	7186
Water   WC Method   O.1   NEG   NEG   NEG   NEG	Oil Changed		Client Info		Not Changd	Changed	Not Changd
Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >20         3         6         6           Chromium         ppm         ASTM D5185m         0         0         4         1           Nickel         ppm         ASTM D5185m         0         0         0         4           Silver         ppm         ASTM D5185m         0         0         0         4           Silver         ppm         ASTM D5185m         0         0         0         0           Aluminum         ppm         ASTM D5185m         >10         1         <1	Sample Status				NORMAL	ATTENTION	ATTENTION
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >20         3         6         6           Chromium         ppm         ASTM D5185m         >10         0         <1         <1           Nickel         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         0         0         0         0           Aluminum         ppm         ASTM D5185m         >10         1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1	CONTAMINATIO	ON	method	limit/base	current	history1	history2
Irron	Water		WC Method	>0.1	NEG	NEG	NEG
Chromium         ppm         ASTM D5185m         >10         0         <1         <1           Nickel         ppm         ASTM D5185m         0         0         0           Silver         ppm         ASTM D5185m         0         0         <1           Silver         ppm         ASTM D5185m         0         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         1         <1         1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel   ppm   ASTM D5185m   0	Iron	ppm	ASTM D5185m	>20	3	6	6
Titanium         ppm         ASTM D5185m         0         0         <1           Silver         ppm         ASTM D5185m         0         0         0           Aluminum         ppm         ASTM D5185m         >10         1         <1	Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Silver	Nickel	ppm	ASTM D5185m		0	0	0
Aluminum	Titanium	ppm	ASTM D5185m		0	0	<1
Lead         ppm         ASTM D5185m         >10         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <2         2         2          <1         <2         2         2          <1         <2         2         2          <1         <2         2         2          <1         <2         2         2          <1         <2         2         2          <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <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	0
Copper         ppm         ASTM D5185m         >75         1         2         2           Tin         ppm         ASTM D5185m         >10         0         0         0           Antimony         ppm         ASTM D5185m          0         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         11         19         21           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         <1	Aluminum	ppm	ASTM D5185m	>10	1	<1	1
Tin ppm ASTM D5185m >10 0 0 0 0  Antimony ppm ASTM D5185m	Lead	ppm	ASTM D5185m	>10	<1	<1	<1
Antimony	Copper	ppm	ASTM D5185m	>75	1	2	2
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         11         19         21           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         20         24         3         4           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m <t< td=""><td>Tin</td><td>ppm</td><td>ASTM D5185m</td><td>&gt;10</td><th>0</th><td>0</td><td>0</td></t<>	Tin	ppm	ASTM D5185m	>10	0	0	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         11         19         21           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         20         24         3         4           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m <t< td=""><td>Antimony</td><td>ppm</td><td>ASTM D5185m</td><td></td><th></th><td>0</td><td>0</td></t<>	Antimony	ppm	ASTM D5185m			0	0
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         11         19         21           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         <1	Vanadium	ppm	ASTM D5185m		0	0	0
Boron         ppm         ASTM D5185m         11         19         21           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         <1         2         2           Manganese         ppm         ASTM D5185m         0         <1         <1            Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         844         1629         1455           Phosphorus         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS <td>Cadmium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>0</th> <td>0</td> <td>0</td>	Cadmium	ppm	ASTM D5185m		0	0	0
Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         <1         2         2           Manganese         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         844         1629         1455           Phosphorus         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles > 6µm	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         <1         2         2           Manganese         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         844         1629         1455           Phosphorus         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         3         4           Potassium         ppm         ASTM D5185m         >20         2         3         4           Particles >4µm         ASTM D7647         >20         2         0         0           FLUID CLEANLINESS	Boron	ppm	ASTM D5185m		11	19	21
Manganese         ppm         ASTM D5185m         0         <1         <1           Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         1100         798         889         824           Phosphorus         ppm         ASTM D5185m         1210         973         943         938           Zinc         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >2500         114         99         506           Particles >21μm         ASTM D7647         >640         12         8         74	Barium	ppm	ASTM D5185m		0	0	0
Magnesium         ppm         ASTM D5185m         10         24         22           Calcium         ppm         ASTM D5185m         844         1629         1455           Phosphorus         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         0         0           Potassium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >2500         114         99         506           Particles >21μm         ASTM D7647         >640         12         8         74	Molybdenum	ppm	ASTM D5185m		<1	2	2
Calcium         ppm         ASTM D5185m         844         1629         1455           Phosphorus         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         510         643         1575           Particles >6μm         ASTM D7647         >2500         114         99         506           Particles >21μm         ASTM D7647         >640         12         8         74           Particles >21μm         ASTM D7647         >40         0         0         2           Particles >71μm<	Manganese	ppm	ASTM D5185m		0	<1	<1
Phosphorus         ppm         ASTM D5185m         1100         798         889         824           Zinc         ppm         ASTM D5185m         1210         973         943         938           Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >2500         114         99         506           Particles >6μm         ASTM D7647         >640         12         8         74           Particles >21μm         ASTM D7647         >160         2         2         17           Particles >38μm         ASTM D7647         >40	Magnesium	ppm	ASTM D5185m		10	24	22
Zinc   ppm   ASTM D5185m   1210   973   943   938   938   Sulfur   ppm   ASTM D5185m   2043   2795   2940	Calcium	ppm	ASTM D5185m		844	1629	1455
Sulfur         ppm         ASTM D5185m         2043         2795         2940           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         0         1         1         1           Potassium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         510         643         1575           Particles >6µm         ASTM D7647         >2500         114         99         506           Particles >14µm         ASTM D7647         >640         12         8         74           Particles >21µm         ASTM D7647         >160         2         2         17           Particles >38µm         ASTM D7647         >40         0         0         2           Particles >71µm         ASTM D7647         >10         0         0         0	Phosphorus	ppm	ASTM D5185m	1100	798	889	824
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         0         1         1         1           Potassium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         510         643         1575           Particles >6µm         ASTM D7647         >2500         114         99         506           Particles >14µm         ASTM D7647         >640         12         8         74           Particles >21µm         ASTM D7647         >160         2         2         17           Particles >38µm         ASTM D7647         >40         0         0         2           Particles >71µm         ASTM D7647         >10         0         0         0	Zinc	ppm	ASTM D5185m	1210	973	943	938
Silicon         ppm         ASTM D5185m         >20         2         3         4           Sodium         ppm         ASTM D5185m         0         1         1         1           Potassium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         510         643         1575           Particles >6µm         ASTM D7647         >2500         114         99         506           Particles >14µm         ASTM D7647         >640         12         8         74           Particles >21µm         ASTM D7647         >160         2         2         17           Particles >38µm         ASTM D7647         >40         0         0         2           Particles >71µm         ASTM D7647         >10         0         0         0	Sulfur						2040
Sodium         ppm         ASTM D5185m         0         1         1           Potassium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         510         643         1575           Particles >6μm         ASTM D7647         >2500         114         99         506           Particles >14μm         ASTM D7647         >640         12         8         74           Particles >21μm         ASTM D7647         >160         2         2         17           Particles >38μm         ASTM D7647         >40         0         0         2           Particles >71μm         ASTM D7647         >10         0         0         0		ppm	ASTM D5185m		2043	2795	2940
Potassium         ppm         ASTM D5185m         >20         2         0         0           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         510         643         1575           Particles >6μm         ASTM D7647         >2500         114         99         506           Particles >14μm         ASTM D7647         >640         12         8         74           Particles >21μm         ASTM D7647         >160         2         2         17           Particles >38μm         ASTM D7647         >40         0         0         2           Particles >71μm         ASTM D7647         >10         0         0         0				limit/base			history2
FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         510         643         1575           Particles >6μm         ASTM D7647         >2500         114         99         506           Particles >14μm         ASTM D7647         >640         12         8         74           Particles >21μm         ASTM D7647         >160         2         2         17           Particles >38μm         ASTM D7647         >40         0         0         2           Particles >71μm         ASTM D7647         >10         0         0         0	CONTAMINANT	S	method		current	history1	history2
Particles >4μm         ASTM D7647         510         643         1575           Particles >6μm         ASTM D7647         >2500         114         99         506           Particles >14μm         ASTM D7647         >640         12         8         74           Particles >21μm         ASTM D7647         >160         2         2         17           Particles >38μm         ASTM D7647         >40         0         0         2           Particles >71μm         ASTM D7647         >10         0         0         0		S	method ASTM D5185m		current 2	history1	history2
Particles >6μm       ASTM D7647       >2500       114       99       506         Particles >14μm       ASTM D7647       >640       12       8       74         Particles >21μm       ASTM D7647       >160       2       2       17         Particles >38μm       ASTM D7647       >40       0       0       2         Particles >71μm       ASTM D7647       >10       0       0       0	CONTAMINANT Silicon	ppm ppm	method ASTM D5185m ASTM D5185m	>20	current 2 0	history1 3	history2 4
Particles >14μm       ASTM D7647       >640       12       8       74         Particles >21μm       ASTM D7647       >160       2       2       17         Particles >38μm       ASTM D7647       >40       0       0       2         Particles >71μm       ASTM D7647       >10       0       0       0	CONTAMINANT Silicon Sodium Potassium	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	>20 >20	current 2 0 2 current	history1 3 1 0 history1	history2 4 1 0 history2
Particles >21μm       ASTM D7647       >160       2       2       17         Particles >38μm       ASTM D7647       >40       0       0       2         Particles >71μm       ASTM D7647       >10       0       0       0	CONTAMINANT Silicon Sodium Potassium FLUID CLEANLI	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	>20 >20	current 2 0 2 current	history1 3 1 0 history1	history2 4 1 0 history2
Particles >38μm       ASTM D7647       >40       0       0       2         Particles >71μm       ASTM D7647       >10       0       0       0	CONTAMINANT Silicon Sodium Potassium FLUID CLEANLI Particles >4µm	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D7647	>20 >20 limit/base	current 2 0 2 current 510	history1 3 1 0 history1 643	history2 4 1 0 history2 1575
Particles >71 $\mu$ m ASTM D7647 >10 $0$ 0	CONTAMINANT Silicon Sodium Potassium FLUID CLEANLI Particles >4µm Particles >6µm	ppm ppm ppm	method  ASTM D5185m  ASTM D5185m  ASTM D5185m  method  ASTM D7647  ASTM D7647	>20 >20 limit/base >2500	current 2 0 2 current 510 114 12	history1  3 1 0 history1  643 99 8	history2 4 1 0 history2 1575 506 74
·	CONTAMINANT Silicon Sodium Potassium	ppm ppm ppm	method  ASTM D5185m ASTM D5185m ASTM D5185m  method  ASTM D7647 ASTM D7647 ASTM D7647	>20 >20 limit/base >2500 >640	current 2 0 2 current 510 114 12	history1  3 1 0 history1  643 99 8	history2 4 1 0 history2 1575 506 74
Oil Cleanliness ISO 4406 (c) >/18/16 <b>16/14/11</b> 17/14/10 18/16/13	CONTAMINANT Silicon Sodium Potassium FLUID CLEANLI Particles >4µm Particles >6µm Particles >14µm Particles >21µm	ppm ppm ppm	method  ASTM D5185m  ASTM D5185m  ASTM D5185m  method  ASTM D7647  ASTM D7647  ASTM D7647  ASTM D7647	>20 >20 limit/base >2500 >640 >160	current 2 0 2 current 510 114 12 2	history1  3 1 0 history1  643 99 8 2	history2 4 1 0 history2 1575 506 74 17
	CONTAMINANT Silicon Sodium Potassium FLUID CLEANLI Particles >4µm Particles >6µm Particles >14µm	ppm ppm ppm	method  ASTM D5185m ASTM D5185m ASTM D5185m method  ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>20 	current 2 0 2 current 510 114 12 2 0	history1  3 1 0 history1  643 99 8 2 0	history2 4 1 0 history2 1575 506 74 17 2

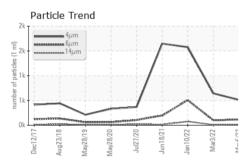


. 일 0.24

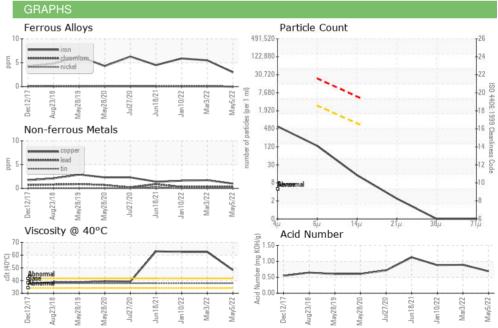
# **OIL ANALYSIS REPORT**







FLUID DEGRADA	NOITA	method				history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.69	0.89	0.881
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
<b>Emulsified Water</b>	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	37.9	48.3	62.5	62.5
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						







Certificate 12367

Laboratory Sample No.

: WC0673466 Lab Number : 05541145 Unique Number : 9970435 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received **Tested** Diagnosed

: 10 May 2022 : 11 May 2022 : 11 May 2022 - 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: