

## **OIL ANALYSIS REPORT**

## Sample Rating Trend

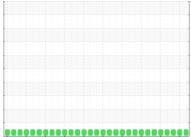




VOLVO A40G LB-60 (S/N 340544) Component

**Diesel Engine** Fluid

FLEETLINE SUPERFLEET XHD 15W40 (14 GAL)



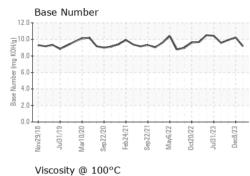


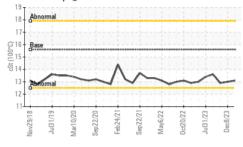
## -2018 Lu7019 M-2020 S-2020 La2021 N-2022 Lu7022 Lu7023 Lu7023 N-2023

ecommendation esample at the next service interval to monitor.Sample NumberClient InfoPCA0110084LP0000767LP0000621Sample DateClient Info16 Feb 202408 Dec 202326 Oct 2023Machine AgehrsClient Info153911532315018Il component wear rates are normal.Oil AgehrsClient Info159305313Oil ChangedClient InfoN/AChangedChangedChangedSample StatusNORMALNORMALI.CONTAMINATIONmethodlimit/basecurrenthistory1history2	DIAGNOSIS	SAMPLE INFOR		method	limit/base	current	history1	history2
Sample at the next service interval to monitor.     Sample bats     Client info     16 Feb 2024     08 Doc 2023     26 Cot 2023       Machine Age     hrs     Client Info     15391     15323     15018       Component war rates are normal.     Onl Age     hrs     Client Info     1599     05.0     S13       Partial Control     Sample Status     Client Info     NA     Changed     Changed       Sample Status     Client Info     NA     Changed     Changed     Changed       Sample Status     Client Info     NA     Control     NeGMAL     NORMAL     NORMAL       Vid Condition     nethod     Sample Status     Sample Status     Na     Client Info     NA     NoRMAL     NoRMAL <th></th> <th></th> <th></th> <th></th> <th>in the babb</th> <th></th> <th></th> <th></th>					in the babb			
Part in a companiant of the indication of any contamination on the indication of any contamination in the i.   Single indication of any contamination in the i.   Single indication of any contamination of the indication of the indication of any contamination of the indication of any contamination of the indication of any contamination of the indication of the indication of any contamination of the indication of the indication of any contamination of the indication of the indindication of the indicatindication of the indication o								
Component wear rates are normal.   Oil Age   hrs   Client Info   199   905   313     Instantiation   nere is no indication of any contamination in the L.   Client Info   N/A   Ohanged   Changed     wid Condition   ne EM result indicates that there is suitable for further service.   Instantion   NORMAL   NOR			bro					
Outamination mere is nulcation of any contamination in the l.   Olicanged   Client Info   NA   Changed   Changed     Sample Status   Image   NORMAL   NORMAL   NORMAL   NORMAL     no BN routi findeates that there is suitable kalinity remaining in the oil. The condition of the Is suitable for further service.   Fuel   WC Method   >6.0   <1.0		Ŭ						
Sample Status     NORMAL     NORMAL     NORMAL     NORMAL       uil condition     ne BA result indicates that there is suitable     CONTAMINATION     method     Imitbase     current     history1     history1       Ne BA result indicates that there is suitable     Fuel     WC Method     0.0     NEG     NEG     NEG       Signal provide the condition of the is suitable for further service.     WEAR METALS     method     imitbase     Current     history1     history2       Vice AR METALS     method     imitbase     current     neitory2     NEG     NEG       Vice AR METALS     method     imitbase     current     neitory2     <	Il component wear rates are normal.	•	nrs					
CONTAMINATION   method   Imitbase   current   Inistory1   history2     bild Condition   eBN result indicates that there is suitable kalinity remaining in the oil. The condition of the kalinity remaining in the oil. The condition of the lis suitable for further service.   NEG   NEG   NEG   NEG     Water   WC Method   >0.2   NEG   NEG   NEG   NEG     Glycol   WC Method   >0.2   NEG   NEG   NEG   NEG     Water   WC Method   NEG   NEG   NEG   NEG     Water   WC Method   NEG   NEG   NEG   NEG     With the oil. The condition of the Water   ppm   ASTM0585m   >100   1   0     Nickel   ppm   ASTM0585m   >20   0   0   0     Nickel   ppm   ASTM0585m   >2   2   1   0     Glopper   ppm   ASTM0585m   >2   2   1   0     Vanadium   ppm   ASTM0585m   >15   1   0   0     Vanadium   ppm   ASTM0585m   31   21   9   1	ontamination	-		Client Info				
Unid Condition ne BA result indicates that there is suitable kallinky meaning in the out. The condition of the is suitable for further service.     Fuel Water     WC Method Water     0.0     <1.0     <1.0     <1.0     <1.0       Water     WC Method Sigol     >0.2     NEG     NEG     NEG     NEG       Water     WC Method Sigol     >0.2     NEG     NEG     NEG     NEG       Water     WC Method Sigol     >0.2     NEG     NEG     NEG     NEG       Vision Signification of the its suitable for further service.     WEAR METALS     mathods     Instany     NEG     NEG       Vision Signification of the its suitable for further service.     mathods     Instany     NEG     NEG     NEG       Vision Signification of the Silver     ppm     ASTM0588     >20     0     0     0       Aluminum     ppm     ASTM0588     >2     2     2     1     0     0       Aluminum     ppm     ASTM0588     >40     1     0     0     0     0       Aluminum     ppm     ASTM0588     >5	here is no indication of any contamination in the il.							
Mean result more as suitable for further service.     Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     WC Method     MEG     NEG     NEG       Wear     MC Method     WC Method     MEG     NEG     NEG       Wear     ppm     ASTM D515m     >100     1     0     1       Nickel     ppm     ASTM D515m     >20     0     0     0       Nickel     ppm     ASTM D515m     >20     0     0     0       Silver     ppm     ASTM D515m     >22     0     0     0       Gopper     ppm     ASTM D515m     >25     2     2     1     0       Lead     ppm     ASTM D515m     >15     -1     0     0     0     0     0       Cadmium     ppm     ASTM D515m     1     1     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0	uid Condition		ION					
Glycol     WC Method     NEG     NEG     NEG       is suitable for further service.     Glycol     WC Method     imidbase     current     history1     history1       Iron     ppm     ASTM DSIStin     >100     -1     0     1       Chrominum     ppm     ASTM DSIStin     >20     0     0     0       Nickel     ppm     ASTM DSIStin     >2     -1     0     0       Nickel     ppm     ASTM DSIStin     >2     0     0     0       Nickel     ppm     ASTM DSIStin     >2     0     0     0       Quantium     ppm     ASTM DSIStin     >2     1     0     0       Copper     ppm     ASTM DSIStin     330     -1     1     0       Cadmium     ppm     ASTM DSIStin     336     38     28     0       Molybdenum     ppm     ASTM DSIStin     38     38     28     28       Calcinum     ppm     ASTM DSIStin     38     38	ne BN result indicates that there is suitable							
WEAR METALS     method     limb/base     current     Histoy1     histoy2       Iron     ppm     ASTM 05185n     >10.0     <1	kalinity remaining in the oil. The condition of the				>0.2			
Iron     ppm     ASTM D5185m     >100     <1     0     1       Chromium     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >2     1     0     0       Titanium     ppm     ASTM D5185m     >2     2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     2     2     1     0       Copper     ppm     ASTM D5185m     >40     <1	I is suitable for further service.	Glycol		WC Method		NEG	NEG	NEG
Chromium     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >2     <1		Machine Age     hrs     Client Info     15391     15323     15018       oil Age     hrs     Client Info     159     305     313       oil Changed     Client Info     N/A     Changed     Changed       Sample Status     NORMAL     NORMAL     NORMAL     NORMAL       uitable     GONTAMINATION     method     Imit/base     current     history1     fn       dition of the     Fuel     WC Method     >6.0     <1.0	history2					
Nickel   ppm   ASTM D5185m   >2   <1   0   0     Ttranium   ppm   ASTM D5185m   >2   0   0   0     Silver   ppm   ASTM D5185m   >2   0   0   0     Aluminum   ppm   ASTM D5185m   >2   2   2   1   0     Lead   ppm   ASTM D5185m   >30   <1		Iron	ppm	ASTM D5185m	>100	<1	0	1
Titanium   ppm   ASTM D5185m		Chromium	ppm	ASTM D5185m	>20	0	0	0
Titanium   ppm   ASTM D5185m		Nickel	ppm	ASTM D5185m	>2	<1	0	0
Silver   ppm   ASTM D5185m   >2   0   0   0     Aluminum   ppm   ASTM D5185m   >40   <1   0   0     Lead   ppm   ASTM D5185m   >40   <1   0   0     Copper   ppm   ASTM D5185m   >330   <1   1   0     Tin   ppm   ASTM D5185m   >15   <1   0   0     Cadmium   ppm   ASTM D5185m   0   0   0   0     Cadmium   ppm   ASTM D5185m   0   0   0   0     Boron   ppm   ASTM D5185m   31   21   9     Barium   ppm   ASTM D5185m   31   21   9     Barium   ppm   ASTM D5185m   31   21   9     Barium   ppm   ASTM D5185m   38   38   26     Magnesium   ppm   ASTM D5185m   38   38   26   21     Magnesium   ppm   ASTM D5185m   953   924   930   224   930     Suffur <td></td> <td>Titanium</td> <td></td> <td>ASTM D5185m</td> <td></td> <th>&lt;1</th> <td>&lt;1</td> <td>0</td>		Titanium		ASTM D5185m		<1	<1	0
Aluminum   ppm   ASTM D5185m   >25   2   2   1     Lead   ppm   ASTM D5185m   >40   0   0     Copper   ppm   ASTM D5185m   >330   1   1   0     Tin   ppm   ASTM D5185m   >315   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     Bron   ppm   ASTM D5185m   31   21   9     Brinom   ppm   ASTM D5185m   0   0   0     Marganese   ppm   ASTM D5185m   31   21   9     Marganese   ppm   ASTM D5185m   133   165   425     Calcium   ppm   ASTM D5185m   133   165   425     Suffur   ppm   ASTM D5185m   953   924   930  2inc   ppm   ASTM D5185m <td< td=""><td></td><td></td><td></td><td></td><td>&gt;2</td><th></th><td></td><td></td></td<>					>2			
Lead     ppm     ASTM D5185m     >-40     <1     0     0       Copper     ppm     ASTM D5185m     >330     <1								1
Copper     ppm     ASTM D5185m     >330     <1     1     0       Tin     ppm     ASTM D5185m     >15     <1								0
Tin   ppm   ASTM D5185m   <1   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   31   2.1   9     Barium   ppm   ASTM D5185m   38   38   26     Manganese   ppm   ASTM D5185m   38   38   26     Manganese   ppm   ASTM D5185m   31   6.5   4.25     Calcium   ppm   ASTM D5185m   1133   16.5   4.25     Calcium   ppm   ASTM D5185m   1935   92.4   93.0     Difuer   ppm   ASTM D5185m   1107   1102   109.1     Sulfur   ppm   ASTM D5185m   2.5   4   2   3     Difuer   ppm   ASTM D5185m   2.5   4   2   3     Sulfur   ppm   ASTM D5185m   2.5   4   2 </td <td></td> <td></td> <td></td> <td></td> <td></td> <th></th> <td></td> <td></td>								
VanadiumppmASTM D5185m000CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m31219BariumppmASTM D5185m31219BariumppmASTM D5185m383826ManganeseppmASTM D5185m383826ManganeseppmASTM D5185m113165425CalciumppmASTM D5185m1133165425CalciumppmASTM D5185m193519501622PhosphorusppmASTM D5185m110711021091SulfurppmASTM D5185m362334023242CONTAMINANTSmethodimit/basecurrenthistory1history2SiliconppmASTM D5185m>20410<1								
Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     31     21     9       Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     38     38     26       Magnesium     ppm     ASTM D5185m     <1					>10			
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m31219BariumppmASTM D5185m000MolybdenumppmASTM D5185m383826ManganeseppmASTM D5185m383826MagnesiumppmASTM D5185m113155425CalciumppmASTM D5185m193519501622PhosphorusppmASTM D5185m953924930ZincppmASTM D5185m110711021091SulfurppmASTM D5185m362334023242CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25423SodiumppmASTM D5185m>20<1								
Boron   ppm   ASTM D5185m   31   21   9     Barium   ppm   ASTM D5185m   0   0   0     Molybdenum   ppm   ASTM D5185m   38   38   26     Manganese   ppm   ASTM D5185m   -   -   1   -     Magnesium   ppm   ASTM D5185m   113   165   425     Calcium   ppm   ASTM D5185m   1935   1950   1622     Phosphorus   ppm   ASTM D5185m   953   924   930     Zinc   ppm   ASTM D5185m   953   924   3242     Sulfur   ppm   ASTM D5185m   1107   1102   1091     Sulfur   ppm   ASTM D5185m   263   3402   3242     CONTAMINANTS   method   imit/base   current   history1   history2     Slicon   ppm   ASTM D5185m   >20   <1   0   <1     Notassium   ppm   ASTM D5185m   >20   <1   0.1   <1     INFERA-RED   method   imit/base			ррп		1			
Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     38     38     26       Manganese     ppm     ASTM D5185m      <1     <1     <1       Magnesium     ppm     ASTM D5185m      113     165     425       Calcium     ppm     ASTM D5185m      1935     1950     1622       Phosphorus     ppm     ASTM D5185m      953     924     930       Zinc     ppm     ASTM D5185m      1107     1102     1091       Sulfur     ppm     ASTM D5185m      3623     3402     3242       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >20     <1     0     <1       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     'ASTM D784     >3     0.1     0.1     <					limit/base			
Molybdenum   ppm   ASTM D5185m   38   38   26     Manganese   ppm   ASTM D5185m   <1			CONTAMINATION     method     limit/base     current     history1     history1       vel     WC Method     >6.0     <1.0					
Marganese     pm     ASTM D5185m     <1     <1     <1       Magnesium     ppm     ASTM D5185m     113     165     425       Calcium     ppm     ASTM D5185m     1935     1950     1622       Phosphorus     ppm     ASTM D5185m     953     924     930       Zinc     ppm     ASTM D5185m     953     924     930       Sulfur     ppm     ASTM D5185m     3623     3402     3242       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     2     3       Sodium     ppm     ASTM D5185m     >20     <1		ADDITIVESmethodlimit/basecurrenthistorBoronppmASTM D5185m3121BariumppmASTM D5185m00MolybdenumppmASTM D5185m3838ManganeseppmASTM D5185m<1	0	0				
Magnesium   ppm   ASTM D5185m   113   165   425     Calcium   ppm   ASTM D5185m   1935   1950   1622     Phosphorus   ppm   ASTM D5185m   953   924   930     Zinc   ppm   ASTM D5185m   1107   1102   1091     Sulfur   ppm   ASTM D5185m   1107   1102   3242     CONTAMINANTS   method   imit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >25   4   2   3     Sodium   ppm   ASTM D5185m   >26   2   0   3     Potassium   ppm   ASTM D5185m   >20   <1			ppm	ASTM D5185m		38	38	26
Calcium   ppm   ASTM D5185m   1935   1950   1622     Phosphorus   ppm   ASTM D5185m   953   924   930     Zinc   ppm   ASTM D5185m   1107   1102   1091     Sulfur   ppm   ASTM D5185m   3623   3402   3242     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >25   4   2   3     Sodium   ppm   ASTM D5185m   >20   <1		Manganese	ppm	ASTM D5185m		<1	<1	<1
Phosphorus   ppm   ASTM D5185m   953   924   930     Zinc   ppm   ASTM D5185m   1107   1102   1091     Sulfur   ppm   ASTM D5185m   3623   3402   3242     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >25   4   2   3     Sodium   ppm   ASTM D5185m   >25   4   2   3     Potassium   ppm   ASTM D5185m   >20   <10   3     NtFRA-RED   method   limit/base   current   history1   history2     Soot %   %   *ASTM D7844   >3   0.1   0.1   0.1     Nitration   Abs/cm   *ASTM D7624   >20   7.0   7.3   6.9     Sulfation   Abs/lmm   *ASTM D7415   >30   15.6   16.1   16.6     FLUID DEGRADATION   method   limit/base   current   history1   history2     Oxidation   Abs/lmm   *ASTM D7414   >25   10.7 <th< td=""><td></td><td>Magnesium</td><td>ppm</td><td>ASTM D5185m</td><td></td><th>113</th><td>165</td><td>425</td></th<>		Magnesium	ppm	ASTM D5185m		113	165	425
Zinc     ppm     ASTM D5185m     1107     1102     1091       Sulfur     ppm     ASTM D5185m     3623     3402     3242       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     2     3       Sodium     ppm     ASTM D5185m     >25     4     2     3       Sodium     ppm     ASTM D5185m     >25     4     2     3       Sodium     ppm     ASTM D5185m     >20     <1		Calcium	ppm	ASTM D5185m		1935	1950	1622
SulfurppmASTM D5185m362334023242CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25423SodiumppmASTM D5185m>20423PotassiumppmASTM D5185m>20<1		Phosphorus	ppm	ASTM D5185m		953	924	930
SulfurppmASTM D5185m362334023242CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25423SodiumppmASTM D5185m>20423PotassiumppmASTM D5185m>20<1		Phosphorus	ppm	ASTM D5185m		1107	1102	1091
Silicon   ppm   ASTM D5185m   >25   4   2   3     Sodium   ppm   ASTM D5185m   2   2   0   3     Potassium   ppm   ASTM D5185m   >20   <1   0   <1     INFRA-RED   method   limit/base   current   history1   history2     Soot %   %   *ASTM D7844   >3   0.1   0.1   0.1     Nitration   Abs/cm   *ASTM D7624   >20   7.0   7.3   6.9     Sulfation   Abs/.1mm   *ASTM D7615   >30   15.6   16.1   16.6     FLUID DEGRADATION   method   limit/base   current   history1   history2     Oxidation   Abs/.1mm   *ASTM D7414   >25   10.7   10.9   11.1		Sulfur	ppm	ASTM D5185m		3623	3402	3242
Sodium     ppm     ASTM D5185m     2     0     3       Potassium     ppm     ASTM D5185m     >20     <1		CONTAMINAN	ITS	method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>20<10<1INFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.10.10.1NitrationAbs/cm*ASTM D7624>207.07.36.9SulfationAbs/.1mm*ASTM D7415>3015.616.116.6FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2510.710.911.1		Silicon	ppm	ASTM D5185m	>25	4	2	3
INFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.10.10.1NitrationAbs/cm*ASTM D7624>207.07.36.9SulfationAbs/.1mm*ASTM D7415>3015.616.116.6FLUID DEGRADATION methodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2510.710.911.1		Sodium	ppm	ASTM D5185m		2	0	3
Soot %     %     *ASTM D7844     >3     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     7.0     7.3     6.9       Sulfation     Abs/.1mm     *ASTM D7415     >30     15.6     16.1     16.6       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     10.7     10.9     11.1		Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Nitration     Abs/cm     *ASTM D7624     >20     7.0     7.3     6.9       Sulfation     Abs/.1mm     *ASTM D7415     >30     15.6     16.1     16.6       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     10.7     10.9     11.1			method	limit/base	current	history1	history2	
SulfationAbs/.1mm*ASTM D7415>3015.616.116.6FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2510.710.911.1		Soot %	%	*ASTM D7844	>3	0.1	0.1	0.1
SulfationAbs/.1mm*ASTM D7415>3015.616.116.6FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2510.710.911.1		Nitration	Abs/cm	*ASTM D7624	>20	7.0	7.3	6.9
Oxidation     Abs/.1mm     *ASTM D7414     >25     10.7     10.9     11.1								
		FLUID DEGRA	DATIO <u>N</u>	method	limit/base	current	history1	history2
		Oxidation	Ahs/1mm	*ASTM D7414	>25	10.7	10.9	11.1
		Chidation	14001.111111		~			



## **OIL ANALYSIS REPORT**





		V	'ISU/	۹L				I	neth	od	limit/base cur			rent		his	story	1	history2			
	$\sim$	Wh	S	calar	*Visual		I	NONE			NON	E		NOI	NE		N	ONE				
~~~		Yellow Metal					calar	· *\	*Visual		NONE			NON	E		NONE			NONE		
			cipitat			s	calar		'isua		NON			NON			NOI				ONE	
		Silt					calar		/isua		NON			NON			NOI				ONE	
		Deb					calar		'isua		NON			NON			NOI				ONE	
		Sar	nd/Dirt	t		S	calar		/isua		NON	IE		NON	E		NO	NE		N	ONE	
Sep22/21 - May6/22 - Oct20/22 -	Jul31/23		pearar				calar		/isua		NOF			NOR	ML		NO				ORN	
Sep22/21 May6/22 Oct20/22	Jul3 Dec	Odd				S	calar	· *\	*Visual		NOF			NOR	ML		NO				ORN	
		Em	ulsifie	ed Wa	ater	s	calar	· *\	/isua	I	>0.2			NEG			NEC			N	EG	
		Fre	e Wat	ter			calar		/isua					NEG			NEC				EG	
		F	LUID	) PF	ROP	ER	TIES	З I	neth	od	limi	t/base		cur	rent		his	story	1		histo	rv2
			c@1				St				15.6			13.1			13.0				2.9	.)_
			RAF								1010						TOR	·				
$\sim$	~		ron (p										l	.ead (	ppm	)						
		250	evere				111		111		1777		<sup>00</sup> T	Severe				111				
Sep22/21 May6/22 Oct20/22	Jul31/23 Dec8/23	200 -	EVEIC		1.1.1						1.1.1		T	Cevere								
Sep Ma	De	150 100	hnormal									Ľ	60 -	Abnormal								
			bnormal									-		Abnormal								
		50-										2	20 -									
		0	19	/20 -	/20	/21-	721	22	22	23	/23		٥Ļ	61/	20	20	/21	/21	22	22	/23	723
		Nov29/18	Jul31/19	Mar10/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23		0 1/ 0 C 14	Jul31/19	Mar10/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23
			lumin						_					Chrom								
		<sup>50</sup> T			2201. 2201				1111			Ę	<sup>50</sup> T		10010	(Pbu	., 			1111		
		40 - 🔓	evere									4	40 - 4	Severe								
		= <sup>30</sup> A	bnormal									εŝ	30 -									
		a <sup>30</sup> A										mdd	20 - 1	Abnormal								
		10-										1	10									
			19	20 t	20 C	21	21	22	22	Z3	Z3		٥L	6	20 -	20	21	21	22	22 -	23	23
		Nov29/18	Jul31/19	Mar10/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23		a l/ b c	Jul31/19	Mar10/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23
		C	opper		m)									- Silicon		n)						
		400	evere	-53-5	177									Severe								
		300											60 -									
		튭 200 -										udd 4		Abnormal								
		100-										2	20 -									
		Ovv29/18	Jul31/19	0/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23		0100000	- 61/15lnL	Mar1 0/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23
				Mar10/20			Sept	May	0ct2	Jul	Dec						Feb	Sepi	May	0ct2	Jul	Dec
		20 T	iscosit	ty @	100°	C						12		Base N	lumb	er						
		18 - A	ibnormal			-						( <sup>B</sup> /HOX	.0-		-	-	~		~	1	$\sim$	-
		(0.016 B	lase		ach a							r (mg	.0 -									
		5 14- A	harma		-	~	~			-		iaquin 4	.0-									
		12-	baormal		1011		111		1010		Copel	Base N	.0-									
		10	- 6L/	20+	20+	121	721	22 -	22	123 -	/23	0	 ءِ	61/	20	20	/21	721	22	22	23	/23
		Nov29/18	Jul31/19	Mar10/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23		01/02/11	Jul31/19	Mar10/20	Sep22/20	Feb24/21	Sep22/21	May6/22	0ct20/22	Jul31/23	Dec8/23
NAB Sa	aboratory ample No. ab Number nique Number		.01100 <mark>)6774</mark>		SA - 5	01 N	/ladis Reco Test Diag	eive ed	d	: 01 : 04	Mar : Mar :	2024	ean	Felton		LORUSSO BRISTOL STONE COR 611 PLEASANT S WEYMOUTH, M. US 0218						
	est Package	: MOB	32		0					. 03			Jui						act: F	PAUL		GA

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (781)337-8274