

# **OIL ANALYSIS REPORT**

## Sample Rating Trend





#### DIAGNOSIS

### Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

# Wear

All component wear rates are normal.

#### Contamination

Light fuel dilution occurring. No other contaminants were detected in the oil.

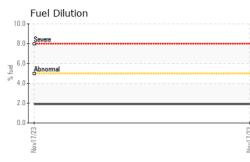
# **Fluid Condition**

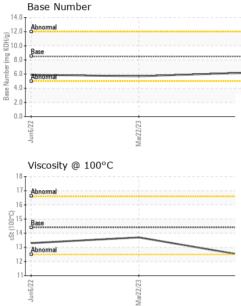
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION     method     limit/base     current     history1     history2       Sample Number     Client Info     17 Nov 2023     22 Mar 2023     06 Jun 2022       Machine Age     mits     Client Info     322856     327442     321967       Oil Age     mits     Client Info     6000     6000     0       Oil Changed     Client Info     Changed     Changed     Changed       Sample Status     method     imit/base     current     history1     history2       Water     WC Method     0.2     NEG     NEG     NEG     NEG       Water     WC Method     imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >100     12     16     21       Chromium     ppm     ASTM D5185m     >3     <1     0     0       Itanium     ppm     ASTM D5185m     >3     <1     0     0       Silver     ppm     ASTM D5185m     >3     <1     0     0			Ju	2022	Mar2023 Nov20	23	
Sample Date     Client Info     17 Nov 2023     22 Mar 2023     06 Jun 2022       Machine Age     mis     Client Info     332856     327442     321967       Oil Age     mis     Client Info     6000     6000     0       Oil Changed     Client Info     Changed     Changed     Changed     Changed       Sample Status     Imit/base     current     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     Imit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Chromium     ppm     ASTM 051855     >20     <1     1     2       Nickel     ppm     ASTM 051855     >20     <1     0     <1       Silver     ppm     ASTM 051855     >20     3     3     2     2       Aumium     ppm     ASTM 051855     >20     3     3     2     2       Nickel     ppm     ASTM 051855     >20     3     3	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine AgemisClient Info332856327442321967Oil AgemisClient Info600060000Oil ChangedClient Info6000RongedChangedSample StatusIImit/baseMORMALNORMALNORMALCONTAMINATIONmethodImit/baseourrenthistory1history2WaterWC Method>0.2NEGNEGNEGWEAR METALSmethodImit/basecurrenthistory1filterory2IronppmASTM 05155m>100121621ChromiumppmASTM 05155m>40<1	Sample Number		Client Info		WC0860418	WC0790556	WC0680391
Oil AgemisClient Info600060000Oil ChangedClient InfoChanged </td <td>Sample Date</td> <td></td> <td>Client Info</td> <td></td> <th>17 Nov 2023</th> <td>22 Mar 2023</td> <td>06 Jun 2022</td>	Sample Date		Client Info		17 Nov 2023	22 Mar 2023	06 Jun 2022
Oil Changed Sample StatusClient InfoChanged NORMALChanged NORMALChanged NORMALChanged NORMALChanged NORMALCONTAMINATIONmethodimilibasecurrenthistory1history2WaterWC Method>0.2NEGNEGNEGGlycolWC MethodNCGNEGNEGNEGWeAR METALSmethodimilibasecurrenthistory1history2IronppmASTM D5185m>10.0121621ChromiumppmASTM D5185m>20<1	Machine Age	mls	Client Info		332856	327442	321967
Sample Status     NORMAL     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     imilibase     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     >0.2     NEG     NEG     NEG       WEAR METALS     method     imilibase     current     history1     history2       Iron     ppm     ASTM D5185m     >100     12     16     21       Chromium     ppm     ASTM D5185m     >4     1     0     <1	Oil Age	mls	Client Info		6000	6000	0
CONTAMINATION     method     imit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     NEG     NEG     NEG     NEG       WeAR METALS     method     imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >20     <1	Oil Changed		Client Info		Changed	Changed	Changed
Water     WC Method     >0.2     NEG     NEG     NEG     NEG       Glycol     WC Method     Imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >100     12     16     21       Chromium     ppm     ASTM D5185m     >20     <1	Sample Status				NORMAL	NORMAL	NORMAL
Glycol     WC Method     NEG     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >20     <1     1     2       Nickel     ppm     ASTM D5185m     >20     <1     1     2       Nickel     ppm     ASTM D5185m     >4     <1     0     0       Aluminum     ppm     ASTM D5185m     >3     1     0     0       Aluminum     ppm     ASTM D5185m     >40     16     <1     0       Copper     ppm     ASTM D5185m     >15     0     0     <1       Vanadium     ppm     ASTM D5185m     >15     0     0     0       Cadmium     ppm     ASTM D5185m     15     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     100     0     3     0	CONTAMINATIO	N	method	limit/base	current	history1	history2
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >100     12     16     21       Chromium     ppm     ASTM D5185m     >20     <1	Water		WC Method	>0.2	NEG	NEG	NEG
Iron     ppm     ASTM D5185m     >100     12     16     21       Chromium     ppm     ASTM D5185m     >20     <1	Glycol		WC Method		NEG	NEG	NEG
Chromium     ppm     ASTM D5185m     >20     <1     1     2       Nickel     ppm     ASTM D5185m     >4     <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     >4     <1     0     <1       Titanium     ppm     ASTM D5185m     >3     <1	Iron	ppm	ASTM D5185m	>100	12	16	21
Titanium     ppm     ASTM D5185m     <1     <1     <1     0       Silver     ppm     ASTM D5185m     >3     <1	Chromium	ppm	ASTM D5185m	>20	<1	1	2
Silver     ppm     ASTM D5185m     >3     <1     0     0       Aluminum     ppm     ASTM D5185m     >20     3     3     2       Lead     ppm     ASTM D5185m     >40     16     <1     0       Copper     ppm     ASTM D5185m     >330     2     2     2       Tin     ppm     ASTM D5185m     >15     0     0     <11       Vanadium     ppm     ASTM D5185m     5     0     0     0     0       Cadmium     ppm     ASTM D5185m     250     28     20     9       Boron     ppm     ASTM D5185m     100     62     78     61       Magnese     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     100     62     78     61       Sulfur     ppm     ASTM D5185m     150     114 </td <td>Nickel</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;4</td> <th>&lt;1</th> <td>0</td> <td>&lt;1</td>	Nickel	ppm	ASTM D5185m	>4	<1	0	<1
Aluminum     ppm     ASTM D5185m     >20     3     3     2       Lead     ppm     ASTM D5185m     >40     16     <1	Titanium	ppm	ASTM D5185m		<1	<1	0
Lead     ppm     ASTM D5185m     >40     16     <1     0       Copper     ppm     ASTM D5185m     >330     2     2     2       Tin     ppm     ASTM D5185m     >15     0     0     <1	Silver	ppm	ASTM D5185m	>3	<1	0	0
Copper     ppm     ASTM D5185m     >330     2     2     2       Tin     ppm     ASTM D5185m     >15     0     0     <1	Aluminum	ppm	ASTM D5185m	>20	3	3	2
Tin     ppm     ASTM D5185m     >15     0     0     <1       Vanadium     ppm     ASTM D5185m     <1	Lead	ppm	ASTM D5185m	>40	16	<1	0
Vanadium     ppm     ASTM D5185m     <1     <1     <1     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     28     20     9       Barium     ppm     ASTM D5185m     10     0     3     0       Molybdenum     ppm     ASTM D5185m     100     62     78     61       Manganese     ppm     ASTM D5185m     100     62     78     61       Manganesum     ppm     ASTM D5185m     100     62     78     61       Manganesum     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     <	Copper	ppm	ASTM D5185m	>330	2	2	2
Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     28     20     9       Barium     ppm     ASTM D5185m     10     0     3     0       Molybdenum     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     >25     4	Tin	ppm	ASTM D5185m	>15	0	0	<1
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     28     20     9       Barium     ppm     ASTM D5185m     10     0     3     0       Molybdenum     ppm     ASTM D5185m     100     62     78     61       Manganese     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     3000     1735     1910     1334       Phosphorus     ppm     ASTM D5185m     150     1283     1173     1197       Sulfur     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >158 </td <td>Vanadium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>&lt;1</th> <td>&lt;1</td> <td>0</td>	Vanadium	ppm	ASTM D5185m		<1	<1	0
Boron     ppm     ASTM D5185m     250     28     20     9       Barium     ppm     ASTM D5185m     10     0     3     0       Molybdenum     ppm     ASTM D5185m     100     62     78     61       Manganese     ppm     ASTM D5185m     100     62     78     61       Magnesium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     3000     1735     1910     1334       Phosphorus     ppm     ASTM D5185m     1150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     22     4     3     395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >20 <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     10     0     3     0       Molybdenum     ppm     ASTM D5185m     100     62     78     61       Manganese     ppm     ASTM D5185m      <1     <1     <1       Magnesium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     3000     1735     1910     1334       Phosphorus     ppm     ASTM D5185m     1002     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >20     <1     1     0       Fuel     %     ASTM D5185m     >20     <1.0<	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185m     100     62     78     61       Manganese     ppm     ASTM D5185m      <1	Boron	ppm	ASTM D5185m	250	28	20	9
Maganese     ppm     ASTM D5185m     <1     <1     <1     <1       Magnesium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     3000     1735     1910     1334       Phosphorus     ppm     ASTM D5185m     1150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >20     <1	Barium	ppm	ASTM D5185m	10	0	3	0
Magnesium     ppm     ASTM D5185m     450     414     219     760       Calcium     ppm     ASTM D5185m     3000     1735     1910     1334       Phosphorus     ppm     ASTM D5185m     1150     1022     974     935       Zinc     ppm     ASTM D5185m     1150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >158     2     4     3       Potassium     ppm     ASTM D5185m     >20     <1	Molybdenum	ppm	ASTM D5185m	100	62	78	61
Calcium     ppm     ASTM D5185m     3000     1735     1910     1334       Phosphorus     ppm     ASTM D5185m     1150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >20     <1	Manganese	ppm	ASTM D5185m		<1	<1	<1
Phosphorus     ppm     ASTM D5185m     1150     1022     974     935       Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >158     2     4     3       Potassium     ppm     ASTM D5185m     >20     <1	Magnesium	ppm	ASTM D5185m	450	414	219	760
Zinc     ppm     ASTM D5185m     1350     1283     1173     1197       Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >20     <1	Calcium	ppm	ASTM D5185m	3000	1735	1910	1334
Sulfur     ppm     ASTM D5185m     4250     3414     3288     3395       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >20     <1     1     0       Fuel     %     ASTM D5185m     >20     <1     1     0       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.4     0.6     0.6       Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.1mm     *ASTM D7624     >20     9.7     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414	Phosphorus	ppm	ASTM D5185m	1150	1022	974	935
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m<>25     4     6     8       Sodium     ppm     ASTM D5185m<>158     2     4     3       Potassium     ppm     ASTM D5185m<>20     <1	Zinc	ppm	ASTM D5185m	1350	1283	1173	1197
Silicon     ppm     ASTM D5185m     >25     4     6     8       Sodium     ppm     ASTM D5185m     >158     2     4     3       Potassium     ppm     ASTM D5185m     >20     <1	Sulfur	ppm	ASTM D5185m	4250	3414	3288	3395
Sodium     ppm     ASTM D5185m     >158     2     4     3       Potassium     ppm     ASTM D5185m     >20     <1     1     0       Fuel     %     ASTM D3524     >5     1.9     <1.0     <1.0       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.4     0.6     0.6       Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.1mm     *ASTM D7615     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     19.8     18.8     21.0	CONTAMINANTS	6	method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185m     >20     <1     1     0       Fuel     %     ASTM D3524     >5     1.9     <1.0     <1.0       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.4     0.6     0.6       Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.1mm     *ASTM D7415     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     19.8     18.8     21.0	Silicon	ppm	ASTM D5185m	>25	4	6	8
Fuel     %     ASTM D3524     >5     1.9     <1.0     <1.0       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.4     0.6     0.6       Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.1mm     *ASTM D7415     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     19.8     18.8     21.0	Sodium	ppm	ASTM D5185m	>158	2	4	3
INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.4     0.6     0.6       Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.tmm     *ASTM D7415     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.tmm     *ASTM D7414     >25     19.8     18.8     21.0	Potassium	ppm	ASTM D5185m	>20	<1		0
Soot %     %     *ASTM D7844     >3     0.4     0.6     0.6       Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.1mm     *ASTM D7415     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     19.8     18.8     21.0	Fuel	%	ASTM D3524	>5	1.9	<1.0	<1.0
Nitration     Abs/cm     *ASTM D7624     >20     9.7     10.5     10.8       Sulfation     Abs/.1mm     *ASTM D7615     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     19.8     18.8     21.0	INFRA-RED		method	limit/base	current	history1	history2
Sulfation     Abs/.1mm     *ASTM D7415     >30     21.9     22.8     22.8       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     19.8     18.8     21.0	Soot %	%	*ASTM D7844	>3	0.4	0.6	0.6
FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.8 18.8 21.0	Nitration	Abs/cm	*ASTM D7624	>20	9.7	10.5	10.8
Oxidation Abs/.1mm *ASTM D7414 >25 19.8 18.8 21.0	Sulfation	Abs/.1mm	*ASTM D7415	>30	21.9	22.8	22.8
	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Base Number (BN)     mg KOH/g     ASTM D2896     8.5     6.2     5.7     5.9	Oxidation	Abs/.1mm	*ASTM D7414	>25	19.8	18.8	21.0
	Base Number (BN)	mg KOH/g	ASTM D2896	8.5	6.2	5.7	5.9



# **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
	Nov17/23	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Nov	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
		Free Water	scalar	*Visual		NEG	NEG	NEG
		FLUID PROPER	TIES	method	limit/base	current	history1	history
		Visc @ 100°C	cSt	ASTM D445	14.4	12.4	13.7	13.3
		GRAPHS						
		Ferrous Alloys						
		<sup>25</sup>						
Mar22/23		20						
Mari		nickel						
	1	15						
		الم 10						
		5						
		******************		•				
		52	23	and the second se	23			
		Jun6/22	Mar22/23		Nov17/23			
		Non-ferrous Meta	-		Z			
23			15					
12		16 T						
Mar22/23		14 copper			1			
Mará		14 - copper lead			/			
Marô		14- 12- copper lead		/				
Mar		14 copper 12 lead		/	/			
Mar		14- 12- copper lead		/	/			
Mar		14 copper 12 lead		/				
Mari		14 copper 12 lead		/				
Mari		14 copper 12 lead	_/					
Mać		14     copper       12     lead       10     fin       6     -       4     -       2     -	50		1/23			
Mar		14 copper 12 lead	Mar22/23		62/L1vol			
Mar		14     copper       12     lead       10     fin       6     -       4     -       2     -	Mai22/23		Nov17/23			
Mar		14 - Copper 12 - Iead 10 - Ead 8 - Ead 4 - Ead 10 -			62/L1/vol/	Base Number		
Mar		14 12 10 10 10 10 10 10 10 10 10 10			14.0			
Mar		14 12 10 10 10 10 10 10 10 10 10 10			14.0	Abnormal		
Mar		14 12 10 10 10 10 10 10 10 10 10 10			14.0	Abnormal		
Mar		14 12 10 10 10 10 10 10 10 10 10 10			14.0	Abnormal		
Mar		14 12 10 10 10 10 10 10 10 10 10 10			14.0	Abnormal		
Mar		14 12 10 10 10 10 10 10 10 10 10 10			14.0	Abnormal		
Mar		Copper lead log log log log log log log log log log			14.0	Abnormal Base Abnormal		
Mar		Copper lead 12 10 10 10 10 10 10 10 10 10 10 10 10 10			14.0 12.0 ( <sup>0</sup> H10.0 <sup>0</sup> H00,0 <sup>0</sup> H0,0 <sup>0</sup> H0,0 <sup></sup>	Abnormal Base Abnormal		
Mad		Copper lead lo lo lo lo lo lo lo lo lo lo lo lo lo			14.0 12.0 () () () () () () () () () () () () ()	Abnormal Base Abnormal	2/23	
Mad		Copper lead lo lo lo lo lo lo lo lo lo lo lo lo lo			14.0 12.0 (0)(10)(0)(10)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0	Abnormal Base Abnormal	C2/22mW	
	Laboratory Sample No. Lab Number Jnique Number	Copper lead Copper lead Copper lead Copper lead Copper lead Copper lead Copper Copper Lead Copper Copp	501 Madia Received Diagnos Diagnos	d : 21   ed : 24   tician : We	14.0 12.0 10.0	Abnormal Base Abnormal	<b>TOWN OF</b> 6900 M CH	CHAPEL HI MILLHOUSE APEL HILL, I US 275
L L L L L L L L L L L L	Laboratory Sample No. Lab Number Jnique Number Fest Package	Viscosity @ 100°C	501 Madia Received Diagnos Diagnos	d : 21 I ed : 24 I tician : Wes relDilution, P	ry, NC 27513 Nov 2023 s Davis ercentFuel )	Abnormal Base Abnormal	<b>TOWN OF</b> 6900 M CH	IILLHOUSE APEL HILL, US 27 Lisa DePaso

\* - 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: