

## **OIL ANALYSIS REPORT**

Sample Rating Trend

DIRT

### NOVA 157 Component **Rear Transmission (Auto)**

CASTROL TRANSYND (--- GAL)

#### DIAGNOSIS

#### Recommendation

We advise that you check all areas where dirt can enter the system. We recommend that you drain the fluid from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with fluid. We recommend an early resample to monitor this condition.

#### A Wear

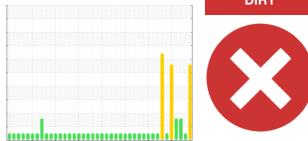
Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

#### Contamination

High concentration of dirt present in the fluid. High amount of ingressed dirt has caused abrasive wear to the component.

#### Fluid Condition

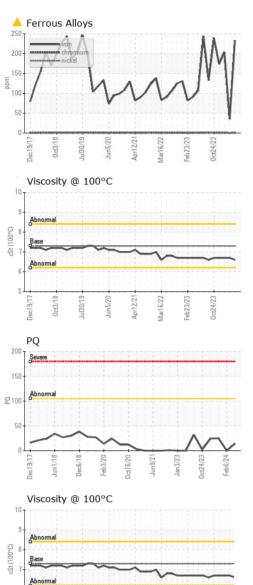
The AN level is acceptable for this fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



Sample DateClient Info18 Mar 202406 Feb 202402 Feb 2024Machine AgekmsClient Info000Oil AgekmsClient Info18895819019585Oil ChangedClient InfoNot ChangdNot ChangdNot ChangdSample StatusSEVERENORMALABNORMALCONTAMINATIONmethodlimit/basecurrenthistory1history2			c2017 Oct20	18 Jul2019 Jun2020	Apr2021 Mar2022 Feb2023	0ct2023	
Sample Date   Client Info   18 Mar 2024   06 Feb 2024   02 Feb 2024     Machine Age   kms   Client Info   0   0   0     Oil Age   kms   Client Info   18895   8190   19585     Oil Changed   Client Info   Not Changd   Not Changd   Not Changd     Sample Status   Client Info   Not Changd   Not Changd   ABNORMAL     CONTAMINATION   method   imit/base   current   history1   history2     Water   WC Method   >0.1   NEG   NEG   NEG     VEAR METALS   method   imit/base   current   history1   history2     PQ   ASTM D5185(m)   >2.2   1   0   -1   1     Nickel   ppm   ASTM D5185(m)   >5   1   -1   -1   1   1     Nickel   ppm   ASTM D5185(m)   >5   3   2   2   2   2   2   2   2   2   2   2   2   2	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age   kms   Client Info   0   0   0   0     Oil Age   kms   Client Info   18895   8190   19585     Oil Changed   Client Info   Not Changd   Not Changd   Not Changd     Sample Status   Imit/Dase   current   history1   History2     Water   WC Method   >0.1   NEG   NEG     WEAR METALS   method   limit/base   current   history1   history2     PQ   ASTM DB184'   >105   14   0   25     Iron   ppm   ASTM DB186m   >230   233   35   204     Chromium   ppm   ASTM DB186m   >2   1   0   <1	Sample Number		Client Info		WC0889044	WC0889172	WC0889168
Oil Age   kms   Client Info   18895   8190   19585     Oil Changed   Client Info   Not Changd   Not Changd   Not Changd     Sample Status   Client Info   SEVERE   Not Changd   Not Changd     Water   WC Method   >0.1   NEG   NEG   NEG     Water   WC Method   >0.1   NEG   NEG   NEG     WEAR METALS   method   limit/base   current   history1   history2     PQ   ASTM D8186(m)   >20   233   35   204     Chromium   ppm   ASTM D5185(m)   >2   <1	Sample Date		Client Info		18 Mar 2024	06 Feb 2024	02 Feb 2024
Oil Changed Sample Status   Client Info   Not Changd SEVERE   Not Changd Not Changd   Not Changd ABNORMAL   Not Changd ABNORMAL     CONTAMINATION   method   limit/base   current   history1   history2     Water   WC Method   >0.1   NEG   NEG   NEG     WEAR METALS   method   limit/base   current   history1   history2     PQ   ASTM D8168(m)   >22   <1   0   <25     Iron   ppm   ASTM D8168(m)   >22   <1   0   <1     Nickel   ppm   ASTM D5168(m)   >5   0   0   0     Silver   ppm   ASTM D5168(m)   >55   3   4   3   3     Copper   ppm   ASTM D5168(m)   >55   1   1   1     Antimony   ppm   ASTM D5168(m)   >55   1   1   1     Attimony   ppm   ASTM D5168(m)   0   0   0   0     Ead   ppm   ASTM D5168(m)	Machine Age	kms	Client Info		0	0	0
Sample Status   SEVERE   NORMAL   ABNORMAL     CONTAMINATION   method   limit/base   current   history1   history2     Water   WC Method   >0.1   NEG   NEG   NEG     Wear METALS   method   limit/base   current   history1   history2     PQ   ASTM D8184*   >105   14   0   25     Iron   ppm   ASTM D8186m   >22   <1	Oil Age	kms	Client Info		18895	8190	19585
CONTAMINATION   method   limit/base   current   history1   history2     Water   WC Method   >0.1   NEG   NEG   NEG     WEAR METALS   method   limit/base   current   history1   history2     PQ   ASTM D8184/   >105   14   0   25     Iron   ppm   ASTM D5185(m)   >22   -1   0   <1	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Water   WC Method   >0.1   NEG   NEG   NEG     WEAR METALS   method   limit/base   current   history1   history2     PQ   ASTM D8184*   >105   14   0   25     Iron   ppm   ASTM D5185(m)   >230   233   35   204     Chromium   ppm   ASTM D5185(m)   >55   <1	-				-	NORMAL	ABNORMAL
WEAR METALS   method   limit/base   current   history1   history2     PQ   ASTM D8184'   >105   14   0   25     Iron   ppm   ASTM D5185(m)   >230   35   204     Chromium   ppm   ASTM D5185(m)   >2   <1	CONTAMINATIO	N	method	limit/base	current	history1	history2
PQ   ASTM D8184*   >105   14   0   25     Iron   ppm   ASTM D5185(m)   >230   ▲ 233   35   204     Chromium   ppm   ASTM D5185(m)   >2   <1	Water		WC Method	>0.1	NEG	NEG	NEG
Iron   ppm   ASTM D5185(m)   >230   ▲ 233   35   204     Chromium   ppm   ASTM D5185(m)   >2   <1	WEAR METALS		method	limit/base	current	history1	history2
Chromium   ppm   ASTM D5185(m)   >2   <1   0   <1     Nickel   ppm   ASTM D5185(m)   >5   <1	PQ		ASTM D8184*	>105	14	0	25
Nickel   ppm   ASTM D5185(m)   >5   <1   <1   <1   <1     Titanium   ppm   ASTM D5185(m)   >2   0   0   0     Silver   ppm   ASTM D5185(m)   >5   0   0   0     Aluminum   ppm   ASTM D5185(m)   >65   30   22   22     Lead   ppm   ASTM D5185(m)   >65   3   4   3     Copper   ppm   ASTM D5185(m)   >5   1   1   1     Antimony   ppm   ASTM D5185(m)   0   0   0   0     Vanadium   ppm   ASTM D5185(m)   0   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0   0     Boron   ppm   ASTM D5185(m)   0   0   <1	Iron	ppm	ASTM D5185(m)	>230	<u> </u>	35	204
Titanium ppm ASTM D5185(m) >2 0 0 0   Silver ppm ASTM D5185(m) >5 0 0 0   Aluminum ppm ASTM D5185(m) >65 30 22 22   Lead ppm ASTM D5185(m) >55 3 4 3   Copper ppm ASTM D5185(m) >55 1 1 1   Antimony ppm ASTM D5185(m) >5 1 1 1   Antimony ppm ASTM D5185(m) 0 0 0 0   Vanadium ppm ASTM D5185(m) 0 0 0 0   Beryllium ppm ASTM D5185(m) 0 0 0 0   Cadmium ppm ASTM D5185(m) 0 0 0 0   Bervilum ppm ASTM D5185(m) 0 3 4 4   Molydenum ppm ASTM D5185(m) 0 2 1 1   Magnesium ppm ASTM D5185(m) 20 233	Chromium	ppm	ASTM D5185(m)	>2	<1	0	<1
Silver   ppm   ASTM D5185(m)   >5   0   0   0     Aluminum   ppm   ASTM D5185(m)   >65   30   22   22     Lead   ppm   ASTM D5185(m)   >55   3   4   3     Copper   ppm   ASTM D5185(m)   >55   1   1   1     Tin   ppm   ASTM D5185(m)   >5   1   1   1     Antimony   ppm   ASTM D5185(m)   0   0   0   0     Vanadium   ppm   ASTM D5185(m)   0   0   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history2     Barium   ppm   ASTM D5185(m)   0   3   4   4     Magaenese   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   320 <td>Nickel</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td>&gt;5</td> <th>&lt;1</th> <td>&lt;1</td> <td>&lt;1</td>	Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Aluminum ppm ASTM D5185(m) >65 30 22 22   Lead ppm ASTM D5185(m) >55 3 4 3   Copper ppm ASTM D5185(m) >85 12 7 10   Tin ppm ASTM D5185(m) >5 1 1 1   Antimony ppm ASTM D5185(m) >5 1 1 1   Antimony ppm ASTM D5185(m) 0 0 0 0   Vanadium ppm ASTM D5185(m) 0 0 0 0 0   Cadmium ppm ASTM D5185(m) 150 71 61 73   Barium ppm ASTM D5185(m) 0 0 0 0 <11   Molybdenum ppm ASTM D5185(m) 0 3 4 4   Magnesium ppm ASTM D5185(m) 0 2 1 1   Calcium ppm ASTM D5185(m) 0 2 1 1   Calcium ppm ASTM D5185(m)	Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Lead   ppm   ASTM D5185(m)   >55   3   4   3     Copper   ppm   ASTM D5185(m)   >55   12   7   10     Tin   ppm   ASTM D5185(m)   >55   1   1   1     Antimony   ppm   ASTM D5185(m)   >5   1   1   1     Antimony   ppm   ASTM D5185(m)   0   0   0   0     Vanadium   ppm   ASTM D5185(m)   0   0   0   0     Beryllium   ppm   ASTM D5185(m)   0   0   0   0     Cadmium   ppm   ASTM D5185(m)   150   71   61   73     Barium   ppm   ASTM D5185(m)   0   3   4   4     Marganese   ppm   ASTM D5185(m)   0   3   4   4     Marganese   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   320   232 <t< td=""><td>Silver</td><td>ppm</td><td>ASTM D5185(m)</td><td>&gt;5</td><th>0</th><td>0</td><td>0</td></t<>	Silver	ppm	ASTM D5185(m)	>5	0	0	0
Copper   ppm   ASTM D5185(m)   >85   12   7   10     Tin   ppm   ASTM D5185(m)   >5   1   1   1     Antimony   ppm   ASTM D5185(m)   0   0   0   0     Vanadium   ppm   ASTM D5185(m)   0   0   0   0     Beryllium   ppm   ASTM D5185(m)   0   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history2     Boron   ppm   ASTM D5185(m)   0   0   0   -1     Molybdenum   ppm   ASTM D5185(m)   0   3   4   4     Magnesium   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   0   232   224   232     Zinc   ppm   ASTM D5185(m)   320   232 <t< td=""><td>Aluminum</td><td>ppm</td><td>ASTM D5185(m)</td><td>&gt;65</td><th>30</th><td>22</td><td>22</td></t<>	Aluminum	ppm	ASTM D5185(m)	>65	30	22	22
Tin ppm ASTM D5185(m) >5 1 1 1   Antimony ppm ASTM D5185(m) 0 0 0   Vanadium ppm ASTM D5185(m) 0 0 0   Beryllium ppm ASTM D5185(m) 0 0 0   Cadmium ppm ASTM D5185(m) 0 0 0   ADDITIVES method limit/base current history1 history2   Boron ppm ASTM D5185(m) 0 0 0 0 <11   Molybdenum ppm ASTM D5185(m) 0 0 0 <11 1   Magnesium ppm ASTM D5185(m) 0 3 4 4   Magnesium ppm ASTM D5185(m) 0 2 1 1   Calcium ppm ASTM D5185(m) 32.0 232 22.4 232   Zinc ppm ASTM D5185(m) 32.0 232 22.4 232   Zinc ppm ASTM D5185(m) 5 8 7 6	Lead	ppm	ASTM D5185(m)	>55	3	4	3
Antimony   ppm   ASTM D5185(m)   0   0   0     Vanadium   ppm   ASTM D5185(m)   0   0   0     Beryllium   ppm   ASTM D5185(m)   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0     ADDITIVES   method   limit/base   current   history1   history2     Boron   ppm   ASTM D5185(m)   150   71   61   73     Barium   ppm   ASTM D5185(m)   0   0   0   <11	Copper	ppm	ASTM D5185(m)	>85	12	7	10
Vanadium   ppm   ASTM D5185(m)   0   0   0     Beryllium   ppm   ASTM D5185(m)   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history2     Boron   ppm   ASTM D5185(m)   150   71   61   73     Barium   ppm   ASTM D5185(m)   0   0   0   0      Molybdenum   ppm   ASTM D5185(m)   0   3   4   4     Manganese   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   0   2   2   1   1     Calcium   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   320   232   224   232     Zinc   ppm   ASTM D5185(m)   5   8 <t< td=""><td>Tin</td><td>ppm</td><td>ASTM D5185(m)</td><td>&gt;5</td><th>1</th><td>1</td><td>1</td></t<>	Tin	ppm	ASTM D5185(m)	>5	1	1	1
Beryllium   ppm   ASTM D5185(m)   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history2     Boron   ppm   ASTM D5185(m)   150   71   61   73     Barium   ppm   ASTM D5185(m)   0   0   0   0      Molybdenum   ppm   ASTM D5185(m)   0   3   4   4     Manganese   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   0   2   2   1   1     Calcium   ppm   ASTM D5185(m)   320   232   224   232     Zinc   ppm   ASTM D5185(m)   5   8   7   6     Sulfur   ppm   ASTM D5185(m)   1050   <	Antimony	ppm	ASTM D5185(m)		0	0	0
Beryllium   ppm   ASTM D5185(m)   0   0   0     Cadmium   ppm   ASTM D5185(m)   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history2     Boron   ppm   ASTM D5185(m)   150   71   61   73     Barium   ppm   ASTM D5185(m)   0   0   0   0   11     Molybdenum   ppm   ASTM D5185(m)   0   3   4   4     Manganese   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   0   2   2   1   1     Calcium   ppm   ASTM D5185(m)   320   232   224   232     Zinc   ppm   ASTM D5185(m)   5   8   7   6     Sulfur   ppm   ASTM D5185(m)   1050	Vanadium	ppm	ASTM D5185(m)		0	0	0
CadmiumppmASTM D5185(m)000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)150716173BariumppmASTM D5185(m)000MolybdenumppmASTM D5185(m)0344ManganeseppmASTM D5185(m)0211MagnesiumppmASTM D5185(m)0211CalciumppmASTM D5185(m)40139128143PhosphorusppmASTM D5185(m)320232224232ZincppmASTM D5185(m)1050143613591617LithiumppmASTM D5185(m)>201<1	Beryllium	ppm	ASTM D5185(m)		0	0	0
Boron   ppm   ASTM D5185(m)   150   71   61   73     Barium   ppm   ASTM D5185(m)   0   0   0   <1	Cadmium	ppm	ASTM D5185(m)		0	0	0
Barium   ppm   ASTM D5185(m)   0   0   0   <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) 0 3 4 4   Manganese ppm ASTM D5185(m) 0 2 1 1   Magnesium ppm ASTM D5185(m) 0 2 1 1   Calcium ppm ASTM D5185(m) 0 2 1 1   Calcium ppm ASTM D5185(m) 40 139 128 143   Phosphorus ppm ASTM D5185(m) 320 232 224 232   Zinc ppm ASTM D5185(m) 5 8 7 6   Sulfur ppm ASTM D5185(m) 1050 1436 1359 1617   Lithium ppm ASTM D5185(m) 1050 1436 1359 1617   Silicon ppm ASTM D5185(m) >20 31 5 29   Sodium ppm ASTM D5185(m) >20 31 5 4 4   Potassium ppm ASTM D5185(m) >20 1 3 2   FLUID DEGRADATION method	Boron	ppm	ASTM D5185(m)	150	71	61	73
Manganese   ppm   ASTM D5185(m)   <1   0   <1     Magnesium   ppm   ASTM D5185(m)   0   2   1   1     Calcium   ppm   ASTM D5185(m)   40   139   128   143     Phosphorus   ppm   ASTM D5185(m)   320   232   224   232     Zinc   ppm   ASTM D5185(m)   5   8   7   6     Sulfur   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   <	Barium	ppm	ASTM D5185(m)	0	0	0	<1
Magnesium ppm ASTM D5185(m) 0 2 1 1   Calcium ppm ASTM D5185(m) 40 139 128 143   Phosphorus ppm ASTM D5185(m) 320 232 224 232   Zinc ppm ASTM D5185(m) 5 8 7 6   Sulfur ppm ASTM D5185(m) 1050 1436 1359 1617   Lithium ppm ASTM D5185(m) 1050 1436 1359 1617   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185(m) >20 31 5 4 4   Potassium ppm ASTM D5185(m) >20 1 3 2   FLUID DEGRADATION method limit/base current history1 history2	Molybdenum	ppm	ASTM D5185(m)	0	3	4	4
Calcium ppm ASTM D5185(m) 40 139 128 143   Phosphorus ppm ASTM D5185(m) 320 232 224 232   Zinc ppm ASTM D5185(m) 5 8 7 6   Sulfur ppm ASTM D5185(m) 1050 1436 1359 1617   Lithium ppm ASTM D5185(m) 050 1436 1359 1617   Lithium ppm ASTM D5185(m) 050 1436 1359 1617   Solicon ppm ASTM D5185(m) >20 31 5 29   Sodium ppm ASTM D5185(m) >20 31 5 4 4   Potassium ppm ASTM D5185(m) >20 1 3 2   FLUID DEGRADATION method limit/base current history1 history2	Manganese	ppm	ASTM D5185(m)		<1	0	<1
Phosphorus   ppm   ASTM D5185(m)   320   232   224   232     Zinc   ppm   ASTM D5185(m)   5   8   7   6     Sulfur   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   1050   1436   1359   1617     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   >20   A 31   5   A 29     Sodium   ppm   ASTM D5185(m)   >20   A 31   5   A 4     Potassium   ppm   ASTM D5185(m)   >20   1   3   2     FLUID DEGRADATION   method   limit/base   current   history1   history2	Magnesium	ppm	ASTM D5185(m)	0	2	1	1
Zinc   ppm   ASTM D5185(m)   5   8   7   6     Sulfur   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   <	Calcium	ppm	ASTM D5185(m)	40	139	128	143
Zinc   ppm   ASTM D5185(m)   5   8   7   6     Sulfur   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   1050   1436   1359   1617     Lithium   ppm   ASTM D5185(m)   <			ASTM D5185(m)	320	232	224	232
LithiumppmASTM D5185(m)<1<1<1CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>20 <b>31</b> 5 <b>2</b> 9SodiumppmASTM D5185(m) <b>5</b> 44PotassiumppmASTM D5185(m)>20 <b>1</b> 32FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2		ppm	ASTM D5185(m)	5	8	7	6
LithiumppmASTM D5185(m)<1<1<1CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>20 <b>31</b> 5 <b>2</b> 9SodiumppmASTM D5185(m) <b>5</b> 44PotassiumppmASTM D5185(m)>20 <b>1</b> 32FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Sulfur	ppm	ASTM D5185(m)	1050	1436	1359	1617
Silicon   ppm   ASTM D5185(m)   >20   31   5   29     Sodium   ppm   ASTM D5185(m)   5   4   4     Potassium   ppm   ASTM D5185(m)   >20   1   3   2     FLUID DEGRADATION   method   limit/base   current   history1   history2	Lithium		ASTM D5185(m)		<1	<1	<1
SodiumppmASTM D5185(m)544PotassiumppmASTM D5185(m) >20132FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	CONTAMINANTS	3	method	limit/base	current	history1	history2
SodiumppmASTM D5185(m)544PotassiumppmASTM D5185(m) >20132FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Silicon	ppm	ASTM D5185(m)	>20	<b>4</b> 31	5	<b>4</b> 29
FLUID DEGRADATION method limit/base current history1 history2	Sodium		ASTM D5185(m)		5	4	4
			ASTM D5185(m)	>20			2
Acid Number (AN) mg KOH/g ASTM D974* 1.0 1.21 1.25 1.21	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	1.21	1.25	1.21



# **OIL ANALYSIS REPORT**



nr12/7

Apr12/21

Dec19/1

Abnorma 45

Abnorma 30 2

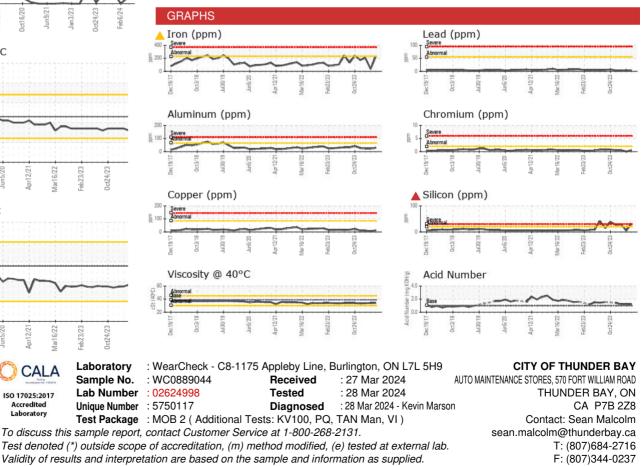
Dec19/17

50

(J. 40 (J. 40 25 35 B

Viscosity @ 40°C

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	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	34.2	33.8	33.7
Visc @ 40°C Visc @ 100°C	cSt cSt	ASTM D7279(m) ASTM D7279(m)	38.9 7.3	34.2 6.6	33.8 6.7	33.7 6.7
		. 7		-		
Visc @ 100°C	cSt Scale	ASTM D7279(m)	7.3	6.6	6.7	6.7
Visc @ 100°C Viscosity Index (VI)	cSt Scale	ASTM D7279(m) ASTM D2270*	7.3 168	6.6 151	6.7 159	6.7 160



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Contact/Location: Sean Malcolm - CITTHU