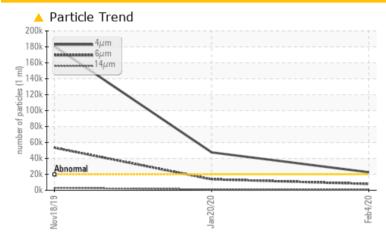


## **PROBLEM SUMMARY**

# FLENDER CAMPGEAR 2

Reduction Gear Fluid FUCHS RENOLIN CLP ISO 320 (220 LTR)

### COMPONENT CONDITION SUMMARY



### RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status		A	ATTENTION	ABNORMAL	SEVERE		
Particles >4µm	ASTM D7647 :	>20000	22624	<b>4</b> 7589	180772		
Particles >6µm	ASTM D7647 :	>5000 🔺	7917	<b>1</b> 3766	53429		
Oil Cleanliness	ISO 4406 (c)	>21/19/16	22/20/16	▲ 23/21/17	• 25/23/19		

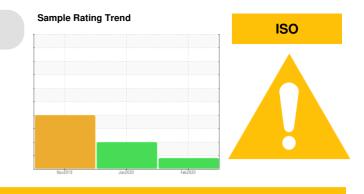
Customer Id: PET412PET Sample No.: WC119385 Lab Number: 02337343 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

*To change component or sample information:* Gloria Gonzalez +1 (289)291-4643 x4643 <u>gloria.gonzalez@wearcheck.com</u>



RECOMMENDED A	CTIONS			
Action	Status	Date	Done By	Description
Change Filter	MISSED	Mar 03 2020	?	We recommend you service the filters on this component.

### HISTORICAL DIAGNOSIS

### 20 Jan 2020 Diag: Kevin Marson



We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition.All component wear rates are normal. Particles >21 $\mu$ m are abnormally high. Particles >4 $\mu$ m are abnormally high. Particles >6 $\mu$ m are abnormally high. Particles >14 $\mu$ m are notably high. Viscosity of sample indicates oil is within ISO 320 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



#### 18 Nov 2019 Diag: Kevin Marson



We advise that you check all areas where contaminants can enter the system. The oil change at the time of sampling has been noted. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Resample in 30-45 days to monitor this situation.All component wear rates are normal. Particles >6 $\mu$ m are severely high. Particles >14 $\mu$ m are abnormally high. Particles >21 $\mu$ m are abnormally high. Viscosity of sample indicates oil is within ISO 320 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





### **OIL ANALYSIS REPORT**

SAMPLE INFORMATION method

# Sample Rating Trend ISO

current

history1

history2

Component Reduction Gear Fluid FUCHS RENOLIN CLP ISO 320 (220 LTR)

### DIAGNOSIS

### A Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil.

### **Fluid Condition**

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

Sample Number     Client Into     WC113885     WC0423448     WC119397       Sample Date     Client Into     04 Feb 2020     20 Jan 2020     18 Nov 2019       Machine Age     hrs     Client Into     191544     195782     189711       Oil Changed     Client Into     Not Changed     Filter-G     Changed       Sample Status     method     Imil/base     current     Nistory1     Nistory2       Iron     ppm     ASTM 0516500     >10     <1     <1     <1       Nickel     ppm     ASTM 0516500     >10     <1     <1     <1       Tatanium     ppm     ASTM 0516500     >10     <1     <1     <1       Tatanium     ppm     ASTM 0516500     >00     0     0     0       Silver     ppm     ASTM 0516500     >0     0     0     0     0       Copper     ppm     ASTM 0516500     0     0     0     0     0       Auminum     ppm     ASTM 0516500     0     0     0 </th <th></th> <th></th> <th></th> <th>initia babe</th> <th>ourrent</th> <th>motory</th> <th>motoryz</th>				initia babe	ourrent	motory	motoryz
Machine Age     hrs     Client Info     191554     195782     189711       Oil Ghanged     Client Info     2034     1698     191       Oil Changed     Client Info     Not Changd     Filtered     Changed       Sample Status     Imutbase     current     history1     history2       Iron     ppm     ASTM 05180m     >10     <1	Sample Number		Client Info		WC119385	WC0423448	WC119397
Oil Age     hrs     Client Info     2034     1698     191       Oil Changed     Client Info     Not Changed     ATTENTION     ABNORMAL     SEVERE       WEAR METALS     method     Imitbase     current     history1     history2       fon     ppm     ASTM D5180m     >10     <1	Sample Date		Client Info		04 Feb 2020	20 Jan 2020	18 Nov 2019
Oli Changed Sample Status     Client Info     Not Changd ATTENTION     Filtered ABNORMAL     Changed SEVERE       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185(m)     >10     <1	Machine Age	hrs	Client Info		191554	195782	189711
Sample Status     method     Imit/base     current     history1     Nistory2       Iron     ppm     ASTM D5185(m)     >150     1     2     3       Chromium     ppm     ASTM D5185(m)     >10     <1	Oil Age	hrs	Client Info		2034	1698	191
Sample Status     method     Imit/base     current     history1     Nistory2       Iron     ppm     ASTM D5185(m)     >150     1     2     3       Chromium     ppm     ASTM D5185(m)     >10     <1	Oil Changed		Client Info		Not Changd	Filtered	Changed
ron     ppm     ASTM D5185(m)     >150     1     2     3       Chromium     ppm     ASTM D5185(m)     >10     <1	-				-	ABNORMAL	
Iron     ppm     ASTM D5185(m)     >150     1     2     3       Chromium     ppm     ASTM D5185(m)     >10     <1     <1     <1       Nickel     ppm     ASTM D5185(m)     >10     <1     <1     <1       Titanium     ppm     ASTM D5185(m)     >10     0     0     0       Aluminum     ppm     ASTM D5185(m)     >25     <1     0     0       Aluminum     ppm     ASTM D5185(m)     >50     <1     <1     1       Lead     ppm     ASTM D5185(m)     >50     <1     <1     <1       Antimony     ppm     ASTM D5185(m)     0     0     0     0       Antimony     ppm     ASTM D5185(m)     0     0     0     0       Cadium     ppm     ASTM D5185(m)     6     7     6     8       Barium     ppm     ASTM D5185(m)     5     4     4       Magnesium     ppm     ASTM D5185(m)     7     7     7			mathad	limit/booo	ourroat	biotomut	history
Chromium     ppm     ASTM D5185(m)     >10     <1	WEAR METALS						
Nickel     ppm     ASTM D5165(m)     >10     <1     <1     <1     <1       Titanium     ppm     ASTM D5165(m)     <1		ppm					
Titanium     ppm     ASTM D5185(m)     0     0     0       Silver     ppm     ASTM D5185(m)     >25     <1		ppm	( )	>10			
Silver     ppm     ASTM D5185(m)	Nickel	ppm		>10			
Atuminum     ppm     ASTM D5185(m)     >25     <1     0     <1       Lead     ppm     ASTM D5185(m)     >100     0     0     0       Copper     ppm     ASTM D5185(m)     >50     <1	Titanium	ppm	ASTM D5185(m)		0	0	0
Lead     ppm     ASTM D5185(m)     >100     0     0     0       Copper     ppm     ASTM D5185(m)     >50     <1	Silver	ppm	ASTM D5185(m)		<1	0	0
Copper     ppm     ASTM D5185(m)     >50     <1     <1     1       Tin     ppm     ASTM D5185(m)     >10     0     0     0       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       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     6     7     6       Barium     ppm     ASTM D5185(m)     5     4       Maganese     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     7     7     7     7       Calcium     ppm     ASTM D5185(m)     5     4     307     20     18     313     314     307       Zinc     ppm     ASTM D5185(m)     50     6     6 </td <td>Aluminum</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td>&gt;25</td> <th>&lt;1</th> <td>0</td> <td>&lt;1</td>	Aluminum	ppm	ASTM D5185(m)	>25	<1	0	<1
Tin     ppm     ASTM D5/85(m)     >10     0     0     0       Antimony     ppm     ASTM D5/85(m)     -<1	Lead	ppm	ASTM D5185(m)	>100	0	0	0
Tin     ppm     ASTM D5185(m)     >10     0     0     0       Antimony     ppm     ASTM D5185(m)     Image: Constraint of the con	Copper	ppm	ASTM D5185(m)	>50	<1	<1	1
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)     6     7     6       Barium     ppm     ASTM D5185(m)     5     4       Molybdenum     ppm     ASTM D5185(m)     7     7       Calcium     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     50     6     6     3       Solfur     ppm     ASTM D5185(m)     >20     <1		ppm	ASTM D5185(m)	>10	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)     6     7     6       Barium     ppm     ASTM D5185(m)     5     4       Molybdenum     ppm     ASTM D5185(m)     5     4       Marganese     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     5     6     6     3       Solfur     ppm     ASTM D5185(m)     20     20     18     1       Sulfor     ppm     ASTM D5185(m)     5286     5349 <td>Antimony</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td></td> <th>&lt;1</th> <td>&lt;1</td> <td>&lt;1</td>	Antimony	ppm	ASTM D5185(m)		<1	<1	<1
Cadmium     ppm     ASTM D5185(m)     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     6     7     6       Barium     ppm     ASTM D5185(m)     5     5     4       Molybdenum     ppm     ASTM D5185(m)     5     4       Manganese     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     71     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     50     6     6     3       Soliton     ppm     ASTM D5185(m)     >0     0     0     0       Potassium     ppm     ASTM D5185(m)     >0     6     3     3       Soliton     ppm     ASTM D5185(m)     20     <1	Vanadium	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)     6     7     6       Barium     ppm     ASTM D5185(m)     <1	Beryllium	ppm	ASTM D5185(m)		0	0	0
Boron     ppm     ASTM D5185(m)     6     7     6       Barium     ppm     ASTM D5185(m)     <1					0	0	0
Boron     ppm     ASTM D5185(m)     6     7     6       Barium     ppm     ASTM D5185(m)     <1     <1     <1       Molybdenum     ppm     ASTM D5185(m)     5     4       Manganese     ppm     ASTM D5185(m)     0     0     0       Magnesium     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     20     20     18       Sulfur     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     5     6     3     3       Sodium     ppm     ASTM D5185(m)     >50     6     6     3     3       Sodium     ppm     ASTM D5185(m)     >20     <1     <1     1     1       FLUID CLEANLINESS     method     limit/base	ADDITIVES		method	limit/base	current	historv1	historv2
Barium     ppm     ASTM D5185(m)     <1     <1     <1       Molybdenum     ppm     ASTM D5185(m)     5     4       Manganese     ppm     ASTM D5185(m)     0     0     0       Magnesium     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     50     6     6     3       Sulfur     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >20     <1		nnm	ASTM DE185(m)		6		
Molybdenum     ppm     ASTM D5185(m)     5     4       Manganese     ppm     ASTM D5185(m)     0     0     0       Magnesium     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     20     20     18       Sulfur     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     50     6     6     3       Solicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >20     <1     <1     <1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     22624     47589     180772       Particles >4µm     ASTM D7647     500							
Marganese     ppm     ASTM D5185(m)     0     0     0       Magnesium     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     <1							
Magnesium     ppm     ASTM D5185(m)     7     7     7       Calcium     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     20     20     18       Sulfur     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     50     6     6     3       Solicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >20     <1							
Calcium   ppm   ASTM D5185(m)   <1   <1   <1   <1     Phosphorus   ppm   ASTM D5185(m)   313   314   307     Zinc   ppm   ASTM D5185(m)   20   20   18     Sulfur   ppm   ASTM D5185(m)   5288   5349   5176     Lithium   ppm   ASTM D5185(m)   5288   5349   5176     Lithium   ppm   ASTM D5185(m)   1   1   2     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   >50   6   6   3     Sodium   ppm   ASTM D5185(m)   >20   <1	-		( )				
Phosphorus     ppm     ASTM D5185(m)     313     314     307       Zinc     ppm     ASTM D5185(m)     20     20     18       Sulfur     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     1     1     2       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >20     <1	-						
Zinc     ppm     ASTM D5185(m)     20     20     18       Sulfur     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     1     1     2       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >20     <1     <1     <1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     22624     47589     180772       Particles >6µm     ASTM D7647     >640     593     1045     3012       Particles >6µm     ASTM D7647     >640     593     1045     3012       Particles >14µm     ASTM D7647     >160     167     346     826       P							
Sulfur     ppm     ASTM D5185(m)     5288     5349     5176       Lithium     ppm     ASTM D5185(m)     1     1     2       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >20     <1			( )				
LithiumppmASTM D5185(m)112CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>50663SodiumppmASTM D5185(m)>0000PotassiumppmASTM D5185(m)>20<1							
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     >50     6     6     3       Potassium     ppm     ASTM D5185(m)     >20     <1							
Silicon     ppm     ASTM D5185(m)     >50     6     6     3       Sodium     ppm     ASTM D5185(m)     0     0     0     0       Potassium     ppm     ASTM D5185(m)     >20     <1	Lithium	ppm	ASTM D5185(m)		1	1	2
Sodium     ppm     ASTM D5185(m)     0     0     0       Potassium     ppm     ASTM D5185(m)     >20     <1     <1     <1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     22624     47589     180772       Particles >6µm     ASTM D7647     >5000     7917     13766     53429       Particles >6µm     ASTM D7647     >640     593     1045     3012       Particles >21µm     ASTM D7647     >160     167     346     826       Particles >38µm     ASTM D7647     >10     0     2     3       Oil Cleanliness     ISO 4406 (c)     >21/19/16     22/20/16     23/21/17     25/23/19       FLUID DEGRADATION     method     limit/base     current     history1     history2	CONTAMINANTS	5	method	limit/base	current	history1	history2
Sodium     ppm     ASTM D5185(m)     0     0     0       Potassium     ppm     ASTM D5185(m)     >20     <1     <1     <1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     ▲ 22624     ▲ 47589     ■ 180772       Particles >6µm     ASTM D7647     >5000     ▲ 7917     ▲ 13766     ● 53429       Particles >6µm     ASTM D7647     >640     593     ▲ 1045     ▲ 3012       Particles >21µm     ASTM D7647     >160     167     ▲ 346     ▲ 826       Particles >38µm     ASTM D7647     >40     3     14     28       Particles >71µm     ASTM D7647     >10     0     2     3       Oil Cleanliness     ISO 4406 (c)     >21/19/16     22/20/16     23/21/17     ● 25/23/19       FLUID DEGRADATION     method     limit/base     current     history1     history2	Silicon	ppm	ASTM D5185(m)	>50	6	6	3
Potassium     ppm     ASTM D5185(m)     >20     <1     <1     <1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     A 22624     4 47589     180772       Particles >6µm     ASTM D7647     >5000     A 7917     A 13766     53429       Particles >14µm     ASTM D7647     >640     593     A 1045     3012       Particles >21µm     ASTM D7647     >160     167     A 346     A 826       Particles >38µm     ASTM D7647     >40     3     14     28       Particles >71µm     ASTM D7647     >10     0     2     3       Oil Cleanliness     ISO 4406 (c)     >21/19/16     22/20/16     23/21/17     25/23/19       FLUID DEGRADATION     method     limit/base     current     history1     history2	Sodium				0		0
FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >20000   22624   4 47589   180772     Particles >6µm   ASTM D7647   >5000   7917   13766   53429     Particles >14µm   ASTM D7647   >640   593   1045   3012     Particles >21µm   ASTM D7647   >160   167   346   826     Particles >38µm   ASTM D7647   >40   3   14   28     Particles >71µm   ASTM D7647   >10   0   2   3     Oil Cleanliness   ISO 4406 (c)   >21/19/16   22/20/16   23/21/17   25/23/19     FLUID DEGRADATION   method   limit/base   current   history1   history2	Potassium			>20	<1	<1	<1
Particles >4µm   ASTM D7647   >20000   ▲ 22624   ▲ 47589   180772     Particles >6µm   ASTM D7647   >5000   ▲ 7917   ▲ 13766   ● 53429     Particles >14µm   ASTM D7647   >640   593   ▲ 1045   ▲ 3012     Particles >21µm   ASTM D7647   >160   167   ▲ 346   ▲ 826     Particles >38µm   ASTM D7647   >40   3   14   28     Particles >71µm   ASTM D7647   >10   0   2   3     Oil Cleanliness   ISO 4406 (c)   >21/19/16   22/20/16   ▲ 23/21/17   ● 25/23/19	FLUID CLEANLIN	IESS	method	limit/base	current	historv1	history2
Particles >6µm   ASTM D7647   >5000   ▲ 7917   ▲ 13766   53429     Particles >14µm   ASTM D7647   >640   593   ▲ 1045   ▲ 3012     Particles >21µm   ASTM D7647   >160   167   ▲ 346   ▲ 826     Particles >38µm   ASTM D7647   >40   3   14   28     Particles >71µm   ASTM D7647   >10   0   2   3     Oil Cleanliness   ISO 4406 (c)   >21/19/16   ▲ 22/20/16   ▲ 23/21/17   ● 25/23/19     FLUID DEGRADATION   method   limit/base   current   history1   history2							
Particles >14µm   ASTM D7647   >640 <b>593</b> ▲ 1045   ▲ 3012     Particles >21µm   ASTM D7647   >160 <b>167</b> ▲ 346   ▲ 826     Particles >38µm   ASTM D7647   >40 <b>3</b> 14   28     Particles >71µm   ASTM D7647   >10 <b>0</b> 2   3     Oil Cleanliness   ISO 4406 (c)   >21/19/16   ▲ 22/20/16   ▲ 23/21/17   ● 25/23/19     FLUID DEGRADATION   method   limit/base   current   history1   history2							· ·
Particles >21µm     ASTM D7647     >160     167     ▲ 346     ▲ 826       Particles >38µm     ASTM D7647     >40     3     14     28       Particles >71µm     ASTM D7647     >10     0     2     3       Oil Cleanliness     ISO 4406 (c)     >21/19/16     22/20/16     ▲ 23/21/17     ● 25/23/19       FLUID DEGRADATION     method     limit/base     current     history1     history2							· ·
Particles >38μm     ASTM D7647     >40     3     14     28       Particles >71μm     ASTM D7647     >10     0     2     3       Oil Cleanliness     ISO 4406 (c)     >21/19/16     22/20/16     23/21/17     25/23/19       FLUID DEGRADATION     method     limit/base     current     history1     history2							
Particles >71μm     ASTM D7647     >10     0     2     3       Oil Cleanliness     ISO 4406 (c)     >21/19/16     ▲ 22/20/16     ▲ 23/21/17     ● 25/23/19       FLUID DEGRADATION     method     limit/base     current     history1     history2							
Oil Cleanliness   ISO 4406 (c) >21/19/16   22/20/16   23/21/17   25/23/19     FLUID DEGRADATION   method   limit/base   current   history1   history2							
FLUID DEGRADATION method limit/base current history1 history2							
			( )	>21/19/16	22/20/16		J 25/23/19
Acid Number (AN)     mg KOH/g     ASTM D974*     0.452     0.510     0.498	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974*		0.452	0.510	0.498

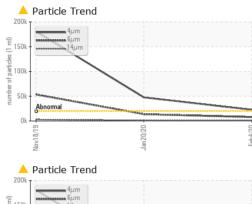
limit/base

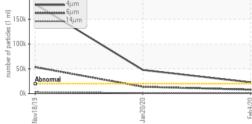
Report Id: PET412PET [WCAMIS] 02337343 (Generated: 08/15/2023 16:03:26) Rev: 1

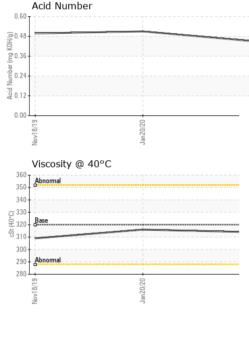
Contact/Location: Nelson Ross - PET412PET



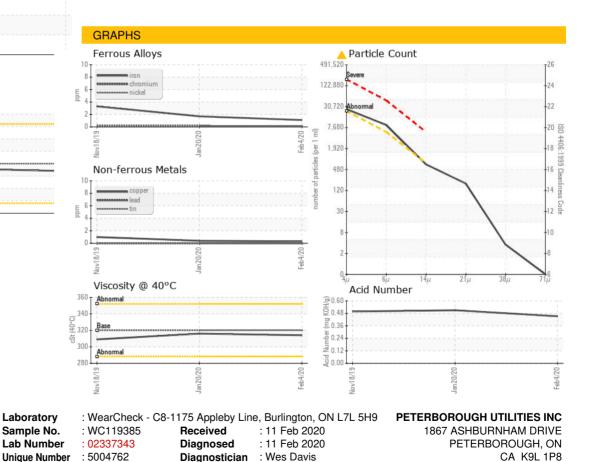
# **OIL ANALYSIS REPORT**







		and the set	Presidente en el		In the test second	history O
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	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	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)	320	314	<b>A</b> 316	<b>3</b> 09
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						
Bottom				6	6	



Lab Number ISO 17025:2017 Accredited Laboratory Unique Number : 5004762 Diagnostician : Wes Davis Test Package : IND 2 (Additional Tests: TAN Man) Contact: Nelson Ross To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

CALA

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