

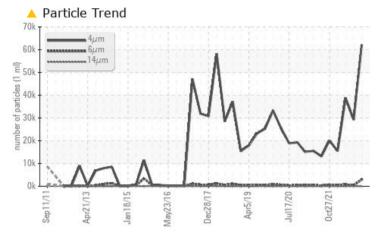
# **PROBLEM SUMMARY**

#### Area INTERSTITIAL Machine Id B53421 - POWER UNIT PU-H8 COOK ROOM 1 Component

Hydraulic System

PETRO CANADA PURITY FG AW HYDRAULIC 46 (40 GAL)

### COMPONENT CONDITION SUMMARY



### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status			ABNORMAL	NORMAL	NORMAL			
Particles >6µm	ASTM D7647	>1300	🔺 2971	390	747			
Oil Cleanliness	ISO 4406 (c)	>-/17/14	<b>4</b> 23/19/11	22/16/9	22/17/10			

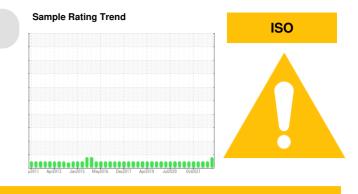
Customer Id: PRODUB Sample No.: WC0838755 Lab Number: 06007624 Test Package: IND 2



To manage this report scan the QR code

*To discuss the diagnosis or test data:* Don Baldridge +1 <u>don.b505@comcast.net</u>

*To change component or sample information:* Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>



RECOMMENDED AC	CTIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.

#### HISTORICAL DIAGNOSIS

#### NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

#### 25 Apr 2023 Diag: Doug Bogart

03 Aug 2023 Diag: Wes Davis

#### NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

01 Feb 2022 Diag: Angela Borella

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







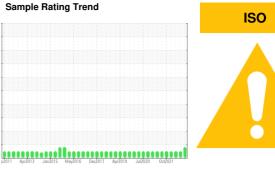


# **OIL ANALYSIS REPORT**

## B53421 - POWER UNIT PU-H8 COOK ROOM 1 Component

Hydraulic System

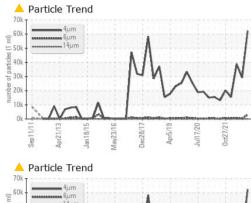
### PETRO CANADA PURITY FG AW HYDRAULIC 46 (40 GAL)

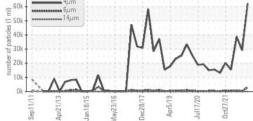


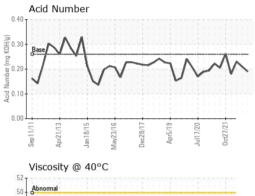
corrective action is recommended at this time. sample at the next service interval to monitor.Sample DateClient Info13 Nov 202303 Aug 202325 Apr 2023wachine AgehrsClient Info0000component wear rates are normal.Oil AgehrsClient Info000Oil AgehrsClient InfoN/AN/AN/AContaminationOil ChangedClient InfoN/AN/AN/Aere is a high amount of silt (particulates < 14 crons in size) present in the oil.WEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D5185m<>20877ChromiumppmASTM D5185m<>20<11<1	DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
sample at the next service interval to monitor.     Name     Client Info     0     0     0     0       component wear rates are normal.     Contanged     Client Info     N/A     N/A     N/A       component wear rates are normal.     Contanged     Client Info     N/A     N/A     N/A       component wear rates are normal.     Contanged     Introd     Introd     Current     N/A     N/A       An level is acceptable for this fluid. The not it is suitable for furthor service.     N/A     N/A     N/A     N/A       Nickel     ppm     ASIM DESIGN     2:0     Client Info     1     -<1	Recommendation	Sample Number		Client Info		WC0838755	WC0838784	WC0775032
sample at the next service interval to monitor.   Name   Client Info   0   0   0     component wear rates are normal.   Client Info   NA   NA   NA   NA     component wear rates are normal.   Client Info   NA   NA   NA   NA     component wear rates are normal.   Client Info   Imites   Client Info   NA   NA   NA     is a high amount of sill (particulates 14)   Machine Age   pm   KN00555   20   8   7   7     is a high amount of sill (particulates 14)   Infor   pm   KN00555   20   8   7   7     is a not particulate is a utable for further service.   Infor   pm   KN00555   20   0   0   0     Aluminium   pm   KSN005555   20   0   0   0   0     Aluminium   ppm   KSN005555   20   0	No corrective action is recommended at this time.	Sample Date		Client Info		13 Nov 2023	03 Aug 2023	25 Apr 2023
arr   Oli Age   Ns   Olient Info   0   0   0     component wear rates are normal.   Oil Changed   Client Info   NA   NA   NA     consin size) present in the oil.   Sample Status   Imitable   Imitable   Current   NoRMAL   NoRMAL     transin size) present in the oil.   WEAR METALS   method   Imitable   current   Notory2   No   0   0     transin size) present in the oil.   The oil is suitable for further service.   No	Resample at the next service interval to monitor.	Machine Age	hrs	Client Info		0	-	
component war rates are normal. Oil Grangad Cilent Inio NA NA NA   Contamination see is a high amount of silt (particulates 14 normalises) present in the dill. NA NA NORMAL NORMAL   Id Condition NA Normalian Pin ASN 05165 >20 8 7 7   A Nevel is acceptable for this fluid. The dittion of the oil is suitable for further service. Pin ASN 05155 >20 8 7 7   Nickel Pin ASN 05155 >20 0 0 0   Nickel Pin ASN 05155 >20 0 0 0   Copper Pin ASN 05155 >20 0 0 0 0   Copper Pin ASN 05155 >20 0 0 0 0   Copper Pin ASN 05155 >0 0 0 0 0   Copper Pin ASN 05155 0 0 0 0 <t< td=""><td>Vear</td><td>-</td><td>hrs</td><td>Client Info</td><td></td><td>0</td><td>0</td><td>0</td></t<>	Vear	-	hrs	Client Info		0	0	0
Contamination     Sample Status     Method     MoRMAL     NORMAL     NORMAL       rer is a high amount of sill (particulates < 14)	Il component wear rates are normal.	-		Client Info			N/A	N/A
Price is high arround of silit (particulates < 14)   WEAR METALS   method   imitibase   current   history1   history2     a AN leval is acceptable for this fluid. The dition of the oil is suitable for further service.   Iron   ppm   ASTID 0586m   >20   6   7   7     Chromium   ppm   ASTID 0586m   >20   0   0   0   0     Silver   ppm   ASTID 0586m   >20   0   0   0   0     Aluminum ppm   ASTID 0586m   >20   0   0   0   0   0     Aluminum ppm   ASTID 0586m   >20   0   0   0   0   0     Copper   ppm   ASTID 0586m   >20   0	Contamination	-				ABNORMAL		
id Condition   ppm   MIX Disism   >20   8   7   7     e AN level is acceptable for this fluid. The wind   ppm   ASTM Disism   >20   <1	here is a high amount of silt (particulates < 14 icrons in size) present in the oil.	WEAR METALS		method	limit/base	current	history1	history2
a AN level is acceptable for further service.   Promium   ppm   ASTM 05185m   >20   0   0   0     Nickel   ppm   ASTM 05185m   >20   0   0   0     Silver   ppm   ASTM 05185m   >20   0   0   0     Auminum   ppm   ASTM 05185m   >20   0   0   0     Auminum   ppm   ASTM 05185m   >20   0   0   0     Auminum   ppm   ASTM 05185m   >20   0   0   0     Copper   ppm   ASTM 05185m   >20   0   0   0   0     Antimony   ppm   ASTM 05185m   >20   0   0   0   0     Cadmium   ppm   ASTM 05185m   20   0   0   0   0     Antimony   ppm   ASTM 05185m   20   0 <td></td> <td>Iron</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;20</td> <td>8</td> <td>7</td> <td>7</td>		Iron	ppm	ASTM D5185m	>20	8	7	7
nickel   ppm   ASTM 0515m   >2.0   0   0   0     Titanium   ppm   ASTM 0515m    0   0   0     Aluminum   ppm   ASTM 0515m   2.0   0.0   0   0     Aluminum   ppm   ASTM 0515m   >2.0   0.0   0   0     Lead   ppm   ASTM 0515m   >2.0   1.0   2.0  1     Copper   ppm   ASTM 0515m   >2.0   0.0   0   0     Antimony   ppm   ASTM 0515m   >2.0   0.0   0   0     Vanadium   ppm   ASTM 0515m   >0   0   0   0   0     ADDITIVES   method   Imitbase   current   Niskort   0   0   0   0     ADDITIVES   mpm   ASTM 0515m   0		Chromium	ppm	ASTM D5185m	>20	<1	1	<1
Silver   ppm   ASTM 05185n   >20   0   0   0     Auminum   ppm   ASTM 05185n   >20   0   0   0     Lead   ppm   ASTM 05185n   >20   0   0   0     Copper   ppm   ASTM 05185n   >20   0   0   0     Antimony   ppm   ASTM 05185n   >20   0   0   0     Antimony   ppm   ASTM 05185n    0   0   0     Cadmium   pm   ASTM 05185n    0   0   0     ADDITIVES   method   limitbase   current   history   history     Barium   ppm   ASTM 05185n   0   0   0   0     Magnesium   ppm   ASTM 05185n   0   0   0   0     Magnesium   ppm   ASTM 05185n   0   0   0   0     Phosphorus   pm   ASTM 05185n   1   0   0   0   0     Silcon   ppm   ASTM 05185n   15   2   2	ondition of the oil is suitable for further service.	Nickel	ppm	ASTM D5185m	>20	0	0	0
Atuminum   ppm   ASTM DS185m   >20   0   0   0     Lead   ppm   ASTM DS185m   >20   0   0   0     Copper   ppm   ASTM DS185m   >20   1   2   -1     Tin   ppm   ASTM DS185m   >20   0   0   0     Antimony   ppm   ASTM DS185m   >20   0   0   0     Vanadium   ppm   ASTM DS185m   0   0   0   0     Cadmium   ppm   ASTM DS185m   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history1   history2     Boron   ppm   ASTM DS185m   0   0   0   0   0     Molybdenum   ppm   ASTM DS185m   0		Titanium	ppm	ASTM D5185m		0	0	0
Atuminum   ppm   ASTM DS185m   >20   0   0   0     Lead   ppm   ASTM DS185m   >20   0   0   0   0     Copper   ppm   ASTM DS185m   >20   0   0   0   0     Antimony   ppm   ASTM DS185m   >20   0   0   0   0     Vanadium   ppm   ASTM DS185m   >20   0   0   0   0     Cadmium   ppm   ASTM DS185m    0   0   0   0     Boron   ppm   ASTM DS185m    0   0   0   0   0     Molybdenum   ppm   ASTM DS185m    0		Silver	ppm	ASTM D5185m		0	0	0
Lead   ppm   ASTM D5185m   >20   0   0   0     Copper   ppm   ASTM D5185m   >20   0   0   0     In   ppm   ASTM D5185m   >20   0   0   0     Antimony   ppm   ASTM D5185m   0   0   0   0     Vanadium   ppm   ASTM D5185m   0   0   0   0     ADDITIVES   method   limit/D5185m   0   0   0   0     Boron   ppm   ASTM D5185m   0   0   0   0   0     Malyddenum   ppm   ASTM D5185m   0   0   0   0   0     Magnesium   ppm   ASTM D5185m   0   0   0   0   0     Calcium   ppm   ASTM D5185m   0   0   0   0   0   0     Sulfur   ppm   ASTM D5185m   0   0   0   0   0   0     Sulfur   ppm   ASTM D5185m   2   2   1   15   2   2   1		Aluminum	ppm	ASTM D5185m	>20	0	0	0
Copper     ppm     ASTM D5185m     >20     1     2     <1       Tin     ppm     ASTM D5185m     >20     0     0     0       Antimony     ppm     ASTM D5185m     >20     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     history1       Boron     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     <11		Lead				0		0
Tin   ppm   ASTM 05185m   >20   0   0   0     Antimony   ppm   ASTM 05185m        Vanadium   ppm   ASTM 05185m   0   0   0   0     ADDITIVES   method   limit/base   current   history1   history1   history2     Boron   ppm   ASTM 05185m   0   0   0   0     Barium   ppm   ASTM 05185m   0   0   0   0     Manganese   ppm   ASTM 05185m   0   0   0   0     Magnesium   ppm   ASTM 05185m   0   0   0   0     Magnesium   ppm   ASTM 05185m   0   0   0   0     Phosphorus   ppm   ASTM 05185m   0   0   0   0   0     Stofus   ppm   ASTM 05185m   2   2   2   1     Stofus   ppm   ASTM 05185m   20   0   0   0     Phosphorus   ppm   ASTM 05185m   20   2		Copper				1	2	<1
Antimony   ppm   ASTM D5185m        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   0   0   0     Barium   ppm   ASTM D5185m   0   0   0     Maganesium   ppm   ASTM D5185m   0       Maganesium   ppm   ASTM D5185m   0    0   0     Calcium   ppm   ASTM D5185m   0    0   0     Calcium   ppm   ASTM D5185m   328   371   380     Zincr   ppm   ASTM D5185m   37   34   23     Sultur   ppm   ASTM D5185m   2   2   1     Sodium   ppm   ASTM D5185m   >20   0   0   0     Potassium   ppm   ASTM D5185m   >20   0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
VanadiumppmASTM D5185m000CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000BariumppmASTM D5185m0000MolybdenumppmASTM D5185m0000ManganeseppmASTM D5185m0<1		Antimony						
Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     Ilmit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0       Barium     ppm     ASTM D5185m     0     0     0       Manganesse     ppm     ASTM D5185m     0     0     0       Manganesse     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     0     <1						0	0	0
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0       Barium     ppm     ASTM D5185m     0     0     0       Magnesse     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     0     <1								
Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     0     <1		ADDITIVES			limit/base	current		history2
Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     0     <1		Boron	maa	ASTM D5185m		0		
Molybdenum   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   0   <1   <1     Magnesium   ppm   ASTM D5185m   0   <1   0     Calcium   ppm   ASTM D5185m   0   0   0   0     Calcium   ppm   ASTM D5185m   328   371   380     Zinc   ppm   ASTM D5185m   37   34   23     Sulfur   ppm   ASTM D5185m   37   34   23     Sulfur   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >20   0   0   0     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   1300   29214   38847     Particles >54µm   ASTM D7647   160   14   3   6     Particles >6µm   ASTM D7647   100   0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Manganesse   ppm   ASTM D5185m   0   <1   <1     Magnesium   ppm   ASTM D5185m   0   <1						-		
Magnesium   ppm   ASTM D5185m   0   <1   0     Calcium   ppm   ASTM D5185m   0   0   0     Phosphorus   ppm   ASTM D5185m   328   371   380     Zinc   ppm   ASTM D5185m   37   34   23     Sulfur   ppm   ASTM D5185m   436   599   174     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >20   0   0   0     Ptotassium   ppm   ASTM D5185m   >20   0   0   0     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >1300   2971   390   747     Particles >6µm   ASTM D7647   >160   14   3   6     Particles >21µm								
Calcium   ppm   ASTM D5185m   0   0   0     Phosphorus   ppm   ASTM D5185m   328   371   380     Zinc   ppm   ASTM D5185m   37   34   23     Sulfur   ppm   ASTM D5185m   37   34   23     Solicon   ppm   ASTM D5185m   436   599   174     Sodium   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >20   0   0   0     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >1300   29224   38847     Particles >54µm   ASTM D7647   >160   14   3   6     Particles >4µm   ASTM D7647   >10   0   0 <td< td=""><td></td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td></td<>		-				-		
Phosphorus   ppm   ASTM D5185m   328   371   380     Zinc   ppm   ASTM D5185m   37   34   23     Sulfur   ppm   ASTM D5185m   436   599   174     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >15   2   2   1     Potassium   ppm   ASTM D5185m   >20   0   0   0     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   5100   2924   38847     Particles >6µm   ASTM D7647   >160   14   3   6     Particles >14µm   ASTM D7647   >160   14   3   6     Particles >21µm   ASTM D7647   >100   0   0   0     Particles >21µm   ASTM		•						
Zinc   ppm   ASTM D5185m   37   34   23     Sulfur   ppm   ASTM D5185m   436   599   174     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >15   2   2   1     Sodium   ppm   ASTM D5185m   >15   2   0   0     Potassium   ppm   ASTM D5185m   >20   0   0   0     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >1300   42971   390   747     Particles >6µm   ASTM D7647   >160   14   3   6     Particles >14µm   ASTM D7647   >40   2   1   0     Particles >21µm   ASTM D7647   >10   0   0   0     Particles >71µm   ASTM D7647   >3   0   0   0     Particles >71µm								
SulfurppmASTM D5185m436599174CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>15221SodiumppmASTM D5185m<1								
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>15221SodiumppmASTM D5185m<								
SiliconppmASTM D5185m<>15221SodiumppmASTM D5185m>15220PotassiumppmASTM D5185m>20000FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>13002922438847Particles >6µmaASTM D7647>13002971390747Particles >14µmASTM D7647>1601436Particles >21µmASTM D7647>10000Particles >38µmASTM D7647>3000Particles >71µmASTM D7647>3022/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2					line it /le e e e			
SodiumppmASTM D5185m<120PotassiumppmASTM D5185m>20000FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>1300▲ 29713900747Particles >6µmASTM D7647>1601436Particles >14µmASTM D7647>1601436Particles >21µmASTM D7647>10000Particles >38µmASTM D7647>3000Particles >71µmISO 4406 (c)>-/17/1423/19/1122/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2								nistory2
PotassiumppmASTM D5185m>2000FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>1300▲ 2971390747Particles >6µmASTM D7647>1601436Particles >14µmASTM D7647>1601436Particles >21µmASTM D7647>40210Particles >38µmASTM D7647>10000Particles >71µmASTM D7647>3000Oil CleanlinessISO 4406 (c)>-/17/1423/19/1122/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2					>10			1
FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647621952922438847Particles >6µmASTM D7647>13002971390747Particles >14µmASTM D7647>1601436Particles >21µmASTM D7647>40210Particles >38µmASTM D7647>10000Particles >71µmASTM D7647>3000Oil CleanlinessISO 4406 (c)>-/17/1423/19/1122/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2					00			
Particles >4µm   ASTM D7647   62195   29224   38847     Particles >6µm   ASTM D7647   >1300   2971   390   747     Particles >14µm   ASTM D7647   >160   14   3   6     Particles >21µm   ASTM D7647   >40   2   1   0     Particles >38µm   ASTM D7647   >10   0   0   0     Particles >71µm   ASTM D7647   >3   0   0   0     Oil Cleanliness   ISO 4406 (c)   >-/17/14   23/19/11   22/16/9   22/17/10						-	-	
Particles >6µmASTM D7647>13002971390747Particles >14µmASTM D7647>1601436Particles >21µmASTM D7647>40210Particles >38µmASTM D7647>10000Particles >71µmASTM D7647>3000Oil CleanlinessISO 4406 (c)>-/17/1423/19/1122/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2		FLUID CLEANLI	VESS		limit/base	current		
Particles >14µmASTM D7647>1601436Particles >21µmASTM D7647>40210Particles >38µmASTM D7647>10000Particles >71µmASTM D7647>3000Oil CleanlinessISO 4406 (c)>-/17/1423/19/1122/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2								
Particles >21µm   ASTM D7647   >40   2   1   0     Particles >38µm   ASTM D7647   >10   0   0   0     Particles >37µm   ASTM D7647   >3   0   0   0     Oil Cleanliness   ISO 4406 (c)   >-/17/14   23/19/11   22/16/9   22/17/10     FLUID DEGRADATION   method   limit/base   current   history1   history2							390	747
Particles >38µm   ASTM D7647   >10   0   0   0     Particles >71µm   ASTM D7647   >3   0   0   0     Oil Cleanliness   ISO 4406 (c)   >-/17/14   23/19/11   22/16/9   22/17/10     FLUID DEGRADATION   method   limit/base   current   history1   history2						14	3	6
Particles >71μm     ASTM D7647     >3     0     0     0       Oil Cleanliness     ISO 4406 (c)     >-/17/14     ▲ 23/19/11     22/16/9     22/17/10       FLUID DEGRADATION     method     limit/base     current     history1     history2						2		
Oil CleanlinessISO 4406 (c)>-/17/1423/19/1122/16/922/17/10FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2		Particles >38µm		ASTM D7647	>10	0	0	0
FLUID DEGRADATION method limit/base current history1 history2		Particles >71µm		ASTM D7647	>3	0	0	0
		Oil Cleanliness		ISO 4406 (c)	>-/17/14	<b>A</b> 23/19/11	22/16/9	22/17/10
Acid Number (AN)     mg KOH/g     ASTM D8045     0.26     0.19     0.21     0.23		FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
		Acid Number (AN)	mg KOH/g	ASTM D8045	0.26	0.19	0.21	0.23

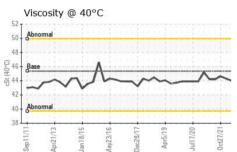


# **OIL ANALYSIS REPORT**



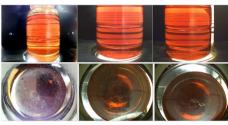




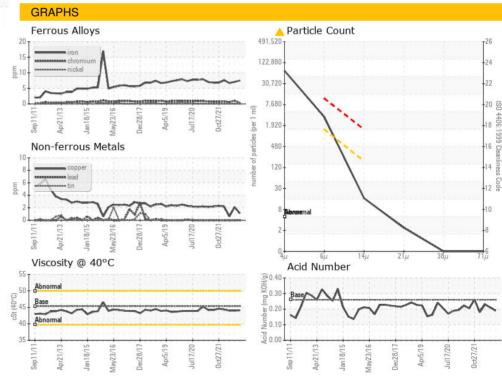


VISUAL method limit/base history1 history2 current NONE White Metal \*Visual LIGHT NONE NONE scalar Yellow Metal NONE NONE NONE NONE scalar \*Visual Precipitate scalar \*Visual NONE NONE NONE NONE Silt scalar \*Visual NONE NONE NONE NONE NONE NONE Debris \*Visual NONE NONE scalar NONE Sand/Dirt scalar \*Visual NONE NONE NONE NORML Appearance NORML NORML NORML scalar \*Visua NORML NORML Odor scalar \*Visual NORML NORML **Emulsified Water** scalar \*Visual >0.05 NEG NEG NEG Free Water scalar \*Visual NEG NEG NEG FLUID PROPERTIES method limit/base current history history2 Visc @ 40°C cSt ASTM D445 45.36 44.1 44.0 44.0 SAMPLE IMAGES limit/base history2 method current history1

Color



Bottom



**PROGRESSIVE PROCESSING INC** Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : WC0838755 Received : 14 Nov 2023 1205 CHAVENELLE CT Lab Number : 06007624 DUBUQUE, IA Diagnosed : 16 Nov 2023 US 52002 Unique Number : 10741386 Diagnostician : Don Baldridge Test Package : IND 2 Contact: BLAINE PURDY Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. bepurdy@hormel.com T: (563)557-4500 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. F: (563)557-4508

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

Report Id: PRODUB [WUSCAR] 06007624 (Generated: 11/16/2023 23:44:33) Rev: 2

Contact/Location: BLAINE PURDY - PRODUB

4406

1999 Cle