

## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id **2126893** Component

Differential Fluid GEAR OIL SAE 80 (--- GAL)

## DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

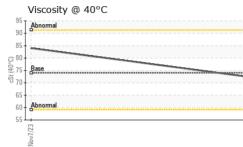
### Fluid Condition

The condition of the oil is acceptable for the time in service.

Sample Number  Client Info  PCA0112342  PCA0108096     Sample Date  Client Info  06 Dec 2023  07 Nov 2023     Machine Age  hrs  Client Info  30  30     Oil Age  hrs  Client Info  30  30     Oil Age  hrs  Client Info  N/A  N/A     Sample Status  Image  NCRMAL  NORMAL  NORMAL     CONTAMINATION  method  imit/base  current  history1  history1    Water  WC Method  >.2  NEG  NEG     Wear  WC Method  >.2  NEG  NEG     Iron  ppm  ASTM D5185m  >500  14  157     Nickel  ppm  ASTM D5185m  >10  0      Aluminum  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m				1012020			
Sample Date  Client Info  66 Dec 2023  07 Nov 2023     Machine Age  hrs  Client Info  30  30     Oil Age  hrs  Client Info  30  30     Sample Status  Client Info  N/A  N/A  NA     CONTAMINATION  method  imit/base  current  history1  history1    Water  WC Method  >.2  NEG  NEG     WEAR METALS  method  imit/base  current  history1  history1    Iron  ppm  ASTM D5185m  >500  14  157     WEAR METALS  method  10  0      Machine ppm  ASTM D5185m  >10  0      Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >10  0  -1     Aduminum  ppm	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age  hrs  Client Info  30  30     Oil Age  irrs  Client Info  30  30     Oil Changed  Client Info  N/A  N/A  N/A     Sample Status  Info  NORMAL  NORMAL   Info    CONTAMINATION  method  Imit/base  current  History1  history1    Water  WC Method  >.2  NEG  NEG     WEAR METALS  method  imit/base  current  history1  history1    Iron  ppm  ASTM DSI85m  >10  0  1     Nickel  ppm  ASTM DSI85m  >10  0      Aluminum  ppm  ASTM DSI85m  >25  1  2      Copper  ppm  ASTM DSI85m  >10  0       Vanadium  ppm  ASTM DSI85m  20  0	Sample Number		Client Info		PCA0112342	PCA0108096	
Oil Age  Inrs  Client Info  30  30     Oil Changed  Client Info  N/A  N/A  N/A     Sample Status  Image  Image  Image  Image  Image  Image    Water  WC Method  2  NEG  NEG     WEAR METALS  method  Imitbbase  current  history1  history1    Vice  More Mathod  Situ Distism  >500  14  157     Othormium  ppm  ASTM Distism  10  0  1     Nickel  ppm  ASTM Distism  0  0      Lead  ppm  ASTM Distism  25  1  2     Cadmium  ppm  ASTM Distism  100  0      Adminum  ppm  ASTM Distism  100  0      Lead  ppm  ASTM Distism  100  0 <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>06 Dec 2023</th> <th>07 Nov 2023</th> <th></th>	Sample Date		Client Info		06 Dec 2023	07 Nov 2023	
Oil Changed  Client Info  N/A  N/A  N/A     Sample Status  Image of the status  Image of the status  NoRMAL  NORMAL     CONTAMINATION  method  limit/base  current  history1  history1    Water  WC Method  -2  NEG  NEG     WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D585m  >10  0  1     Nickel  ppm  ASTM D585m  10  0      Aluminum  ppm  ASTM D585m  25  1  2     Copper  ppm  ASTM D585m  25  0  0     Vanadium  ppm  ASTM D585m  25  0  0     Capper  ppm  ASTM D585m  100  0      Vanadium  ppm  ASTM D585m  20  0	Machine Age	hrs	Client Info		30	30	
Sample Status  NORMAL  NORMAL  NORMAL     CONTAMINATION  method  limit/base  current  history1  history1    Water  WC Method  >.2  NEG  NEG     WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185m  >10  0  1     Nickel  ppm  ASTM D5185m  0  0      Aluminum  ppm  ASTM D5185m  0  0      Aluminum  ppm  ASTM D5185m  25  1  2     Copper  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  10  0  <1     Capper  ppm  ASTM D5185m  10  0  <1     Vanadium  ppm  ASTM D5185m  20  0  3	Oil Age	hrs	Client Info		30	30	
CONTAMINATION  method  limit/base  current  history1  history1    Water  WC Method  >.2  NEG  NEG     WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185m  >500  14  157     Ohromium  ppm  ASTM D5185m  >10  0  1     Nickel  ppm  ASTM D5185m  >10  0      Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >25  0  0     Vanadium  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  10  19      ADDITVES  method  limit/base  current  history1 <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th></th>	Oil Changed		Client Info		N/A	N/A	
Water  WC Method  >.2  NEG  NEG     WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185m  >500  14  157     Nickel  ppm  ASTM D5185m  >10  0  1     Nickel  ppm  ASTM D5185m  >10  0      Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0  <1     Vanadium  ppm  ASTM D5185m  100  0  <1     Cadmium  ppm  ASTM D5185m  100  0  <1     Barium  ppm  ASTM D5185m  12  55  2     Magnesium  ppm  ASTM D5185m  12  55  32<	Sample Status				NORMAL	NORMAL	
Water  WC Method  >.2  NEG  NEG     WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185m  >500  14  157     Nickel  ppm  ASTM D5185m  >10  0  1     Nickel  ppm  ASTM D5185m  >10  0      Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0  <1     Vanadium  ppm  ASTM D5185m  100  0  <1     Cadmium  ppm  ASTM D5185m  100  0  <1     Barium  ppm  ASTM D5185m  12  55  2     Magnesium  ppm  ASTM D5185m  12  55  32<	CONTAMINAT	ION	method	limit/base	current	historv1	history2
Iron  ppm  ASTM D5185m  >500  14  157			WC Method	>.2			
Iron  ppm  ASTM D5185m  >500  14  157	WEAR METAL	S	method	limit/base	current	history1	history2
Chromium  ppm  ASTM D5185m  >10  0  1     Nickel  ppm  ASTM D5185m  >10  0  0     Silver  ppm  ASTM D5185m  0  0     Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0      Cadmium  ppm  ASTM D5185m  >100  0  <11     Vanadium  ppm  ASTM D5185m  10  0  <11     Vanadium  ppm  ASTM D5185m  10  0  <11     Cadmium  ppm  ASTM D5185m  200  0  3     Magnese  ppm  ASTM D5185m  12  951  19     Galcium  ppm  ASTM D5185m  125  1252			ASTM D5185m	>500	14	157	
Nickel  ppm  ASTM D5185m  >10  0     Titanium  ppm  ASTM D5185m  0  <1     Silver  ppm  ASTM D5185m  0  0     Aluminum  ppm  ASTM D5185m  >25  0  0     Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0  <1     Vanadium  ppm  ASTM D5185m  >100  0  <1     Cadmium  ppm  ASTM D5185m  >100  0  <1     ADDITIVES  method  limit/base  current  history1  history1    Barium  ppm  ASTM D5185m  12  951  19     Magnesium  ppm  ASTM D5185m  12  951  19     Calcium  ppm  ASTM D5185m  125  1252  56							
Titanium  ppm  ASTM D5185m  0  <1					-		
Silver  ppm  ASTM D5185m  O  0     Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0  <1     Vanadium  ppm  ASTM D5185m  >10  0  <1     Cadmium  ppm  ASTM D5185m  10  0  <1     Cadmium  ppm  ASTM D5185m  0  0  0     Molybdenum  ppm  ASTM D5185m  400  10  192     Magnesium  ppm  ASTM D5185m  12  55  2     Magnesium  ppm  ASTM D5185m  12  951  19     Colum  ppm  ASTM D5185m  150  1081  1471     Sulfur  ppm  ASTM D5185m  125  3280				210	-		
Aluminum  ppm  ASTM D5185m  >25  1  2     Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0  3     Vanadium  ppm  ASTM D5185m  >10  0  <1     Cadmium  ppm  ASTM D5185m  >10  0  <1     Cadmium  ppm  ASTM D5185m  0  0  0     ADDITIVES  method  limit/base  current  history1  history1    Boron  ppm  ASTM D5185m  200  0  3     Molybdenum  ppm  ASTM D5185m  12  951  19     Magnesium  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  22500					-		
Lead  ppm  ASTM D5185m  >25  0  0     Copper  ppm  ASTM D5185m  >100  0  3     Vanadium  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  >10  0  <1     Cadmium  ppm  ASTM D5185m  0  0  <1     ADDITIVES  method  limit/base  current  history1  history1    Barium  ppm  ASTM D5185m  200  0  3     Molybdenum  ppm  ASTM D5185m  12  55  2     Magnesium  ppm  ASTM D5185m  12  951  19     Calcium  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  22500				>25	-		
Copper  ppm  ASTM D5185m  >100  0  3     Tin  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  0  0  <1     Cadmium  ppm  ASTM D5185m  0  0      ADDITIVES  method  limit/base  current  history1  history1    Barium  ppm  ASTM D5185m  200  0  3     Magnese  ppm  ASTM D5185m  12  55  2     Magnesium  ppm  ASTM D5185m  12  951  19     Calcium  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  2500							
Tin  ppm  ASTM D5185m  >10  0  <1					-		
Vanadium  ppm  ASTM D5185m  0  <1	••				-		
Cadmium  ppm  ASTM D5185m  0  0     ADDITIVES  method  limit/base  current  history1  history    Boron  ppm  ASTM D5185m  400  10  192     Barium  ppm  ASTM D5185m  200  0  3     Molybdenum  ppm  ASTM D5185m  12  55  2     Magnesium  ppm  ASTM D5185m  12  951  19     Magnesium  ppm  ASTM D5185m  126  1081  1471     Calcium  ppm  ASTM D5185m  1650  1081  1471     Zinc  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  22500  3820  26310     Sodium  ppm  ASTM D5185m  >20  0  3     Sodium  ppm  ASTM D5185m  >20				>10	-		
ADDITIVESmethodlimit/basecurrenthistory1history1BoronppmASTM D5185m40010192BariumppmASTM D5185m20003ManganeseppmASTM D5185m12552ManganeseppmASTM D5185m1295119MagnesiumppmASTM D5185m1295119CalciumppmASTM D5185m150107164PhosphorusppmASTM D5185m165010811471ZincppmASTM D5185m125125256SulfurppmASTM D5185m22500382026310CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>75532SodiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1VisualNONENONENONEYellow Metalscalar*VisualNONENONEVellow Metalscalar*VisualNONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*V					-		
Boron  ppm  ASTM D5185m  400  10  192     Barium  ppm  ASTM D5185m  200  0  3     Molybdenum  ppm  ASTM D5185m  12  55  2     Manganese  ppm  ASTM D5185m  12  951  19     Magnesium  ppm  ASTM D5185m  12  951  19     Calcium  ppm  ASTM D5185m  12  951  19     Calcium  ppm  ASTM D5185m  125  1081  1471     Zinc  ppm  ASTM D5185m  1650  1081  1471     Sulfur  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  22500  3820  26310     Sulfur  ppm  ASTM D5185m  >75  5  32     Sodium  ppm  ASTM D5185m	Caumum	ррпі	ASTIM DOTODIII		U	0	
Barium  ppm  ASTW D5185m  200  0  3     Molybdenum  ppm  ASTW D5185m  12  55  2     Manganese  ppm  ASTW D5185m  12  951  19     Magnesium  ppm  ASTW D5185m  12  951  19     Calcium  ppm  ASTW D5185m  150  1071  64     Phosphorus  ppm  ASTM D5185m  1650  1081  1471     Zinc  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  22500  3820  26310     CONTAMINANTS  method  limit/base  current  history1  history1    Silicon  ppm  ASTM D5185m  >75  5  32     Sodium  ppm  ASTM D5185m  >20  0  3     VISUAL  method  limit/base <th>ADDITIVES</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum  ppm  ASTM D5185m  12  55  2     Manganese  ppm  ASTM D5185m  12  951  19     Magnesium  ppm  ASTM D5185m  12  951  19     Calcium  ppm  ASTM D5185m  150  1071  64     Phosphorus  ppm  ASTM D5185m  1650  1081  1471     Zinc  ppm  ASTM D5185m  125  1252  56     Sulfur  ppm  ASTM D5185m  22500  3820  26310     CONTAMINANTS  method  limit/base  current  history1  history1    Silicon  ppm  ASTM D5185m  >75  5  32     Sodium  ppm  ASTM D5185m  >20  0  3     VISUAL  method  limit/base  current  history1  history1    Visual  NONE  NONE	Boron	ppm	ASTM D5185m	400	10	192	
ManganeseppmASTM D5185m<1	Barium	ppm	ASTM D5185m	200	0	3	
MagnesiumppmASTM D5185m1295119CalciumppmASTM D5185m150107164PhosphorusppmASTM D5185m165010811471ZincppmASTM D5185m125125256SulfurppmASTM D5185m22500382026310CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>75532SodiumppmASTM D5185m>2003PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1VisualNONENONENONENONEVelow Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONESiltscalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLAppearance </th <th>Molybdenum</th> <th>ppm</th> <th>ASTM D5185m</th> <th>12</th> <th>55</th> <th>2</th> <th></th>	Molybdenum	ppm	ASTM D5185m	12	55	2	
CalciumppmASTM D5185m150107164PhosphorusppmASTM D5185m165010811471ZincppmASTM D5185m125125256SulfurppmASTM D5185m22500382026310CONTAMINANTSmethodlimit/basecurrenthistory1historySiliconppmASTM D5185m>75532SodiumppmASTM D5185m>75532PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1historyWhite Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONESiltscalar*VisualNONENONENONESiltscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLGdorscalar*VisualNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLNORML	Manganese	ppm	ASTM D5185m		<1	9	
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SulfurppmASTM D5185m22500382026310CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>75532SodiumppmASTM D5185m03PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLQdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNEG	Phosphorus	ppm	ASTM D5185m	1650	1081	1471	
CONTAMINANTSmethodlimit/basecurrenthistory1historySiliconppmASTM D5185m>75532SodiumppmASTM D5185m03PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>-2NEGNEG	Zinc	ppm	ASTM D5185m	125	1252	56	
SiliconppmASTM D5185m>75532SodiumppmASTM D5185m03PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONEAppearancescalar*VisualNONENONENONEQdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNEG	Sulfur	ppm	ASTM D5185m	22500	3820	26310	
SodiumppmASTM D5185m03PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	CONTAMINAN	TS	method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Silicon	ppm	ASTM D5185m	>75	5	32	
PotassiumppmASTM D5185m>2003VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Sodium	ppm	ASTM D5185m		0	3	
White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Potassium		ASTM D5185m	>20	0	3	
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	White Metal	scalar	*Visual	NONE	NONE	NONE	
Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Debrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEG	Silt	scalar	*Visual	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Odor  scalar  *Visual  NORML  NORML  NORML     Emulsified Water  scalar  *Visual  >.2  NEG  NEG	Appearance						
Emulsified Water scalar *Visual >.2 NEG NEG							
	Emulsified Water						
5:07:02) Rev: 1 Submitted By: KEVIN HOC							KEVIN HOOKS



# **OIL ANALYSIS REPORT**



	FLUID PROF	PERTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	74	72.5	84.0	
	SAMPLE IMA	AGES	method	limit/base	current	history1	history2
	Color				no image	no image	no image
Dec6/23							
	Bottom				no image	no image	no image
	GRAPHS Ferrous Alloys						
	160						
	140 - new nickel						
	100						
Ē	80-						
	60						
	40						
		******					
	Nov7/23			Dec6/23			
	Non-ferrous Me	tals					
	9						
	8						
	6-						
	튭 5						
	3-						
	1						
	Nov7/23			Dec6/23			
				Dec			
	Viscosity @ 40°	С					
	90 - Abnormal						
	85						
	80 ₽ 75 - Base 375 - Base						
	3 70						
	65 -						
	60 - Abnormal						
	55 + CZ/LVON			Dec6/23			
	Nov			D			
Laboratory	: WearCheck USA	PERDUE FA					
Sample No. Lab Number	: PCA0112342 : 06032543	Recieved Diagnos		Dec 2023 Dec 2023		2047	HWY 9 WES DILLON, S
Unique Number	: 10782334	Diagnost		Baldridge		O and a start	US 2953
icate L2367 Test Package liscuss this sample report, c						kevin.hook	KEVIN HOOk s@perdue.co
Penotes test methods that a ements of conformity to speci					(ICGM 106.2012		(843)841-80 (843)841-80

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

F: (843)841-8070