

No relevant graphs to display

RECOMMENDATION

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

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL	MARGINAL	NORMAL		
Debris	scalar	*Visual	NONE	A MODER	A MODER	LIGHT		

Customer Id: CALSHR Sample No.: RP0034842 Lab Number: 05904443 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Angela Borella +1 800-237-1369 angela.borella@wearcheckusa.com

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

05 Apr 2023 Diag: Doug Bogart

VIS DEBRIS



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



10 Jan 2023 Diag: Jonathan Hester



Resample at the next service interval to monitor.All component wear rates are normal. The water content is negligible. 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

Area LOHT Machine Id [LOHT] LOHT-P-G0047D GRBX,ON CHRG PMP (D) Component

Gearbox Fluid

ROYAL PURPLE SYNFILM GT220 (--- QTS)

DIAGNOSIS

A Recommendation

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

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

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

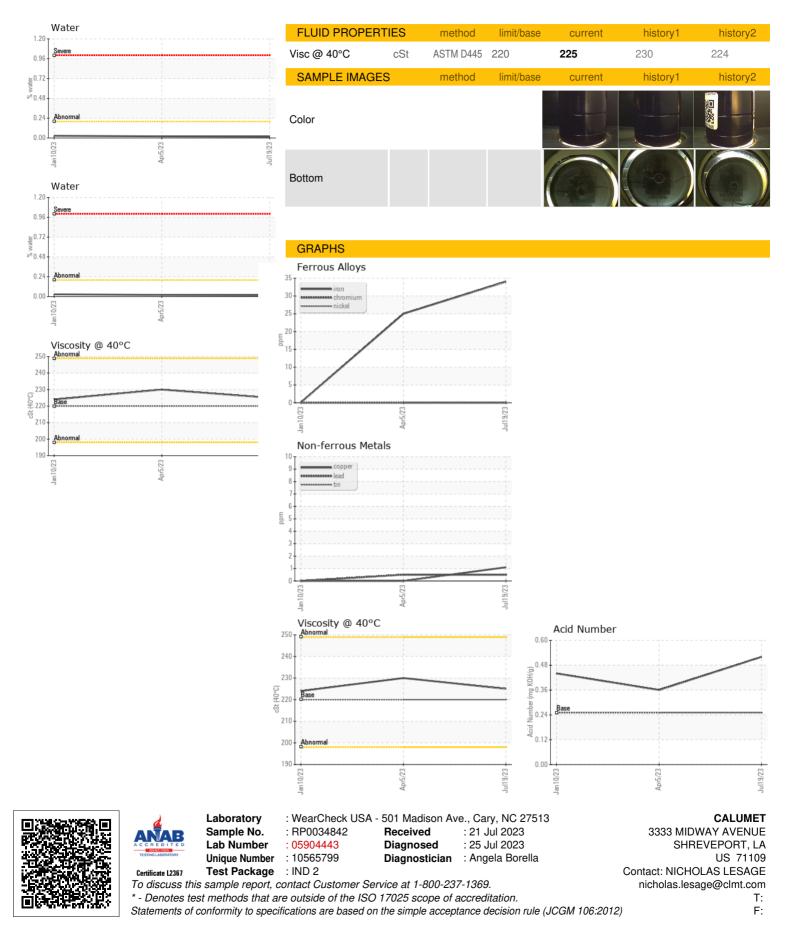
sample NumberClient InfoPP0034842RP0031612RP0031642RP0031612RP0031642Sample DateIClient Info00000Nachine AgehrsClient Info0000Nit AgehrsClient InfoNot ChangdNot ChangdNot ChangdNot ChangdSit AgeClient InfoNot ChangdNot ChangdNot ChangdNot ChangdNot ChangdSit AgeClient InfoNot ChangdNot ChangdNot ChangdNot ChangdWEAR METALSmethodImit/basecurrenthistory1history2ronppmASTM D5185n>15000lickelppmASTM D5185n>10000lickelppmASTM D5185n>200100siturinumppmASTM D5185n>200100oppperppmASTM D5185n200100ranadiumppmASTM D5185n0000ADDITVESmethodImit/basecurrenthistory1history2sindppmASTM D5185n13300AgenesiumppmASTM D5185n0000lightppmASTM D5185n20110sindiumppmASTM D5185n0000lightSTM D5185nS0000ligh			Jar	Jun2023 Apr2023 Jul2023				
Aranje Date Client Info 19 Jul 2023 05 Apr 2023 10 Jan 2023 Atachine Age hrs Client Info 0 0 0 Dil Changed Client Info 0 0 0 0 Bit Changed Client Info Not Changd Not Changd Not Changd Not Changd WEAR METALS method limit/base current historyl historyl Not Changd Orn ppm ASTM D5185 >200 34 25 <1	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2	
Machine Age hrs Client Info 0 0 0 bil Age hrs Client Info 0 0 0 bil Changed Client Info Not Changd Mot Changd Not Changd sample Status Imit/base current history1 NotRAGINAL WEAR METALS method Imit/base current history1 history2 for ppm ASTM D5185m >15 0 0 0 ikckel ppm ASTM D5185m >15 0 0 0 ikarianum ppm ASTM D5185m >100 <1	Sample Number		Client Info		RP0034842	RP0031612	RP0031646	
bit Age hrs Client Info 0 0 0 bit Changed Client Info Not Changed Not Changed Not Changed aample Status method limit/base current history1 history1 von ppm ASTM D5185m >200 34 25 <1	Sample Date		Client Info		19 Jul 2023	05 Apr 2023	10 Jan 2023	
Not Changed Client Info Not Changed Not Changed Not Changed Not Changed Not Changed WEAR METALS method limit/base current history1 history2 on ppm ASTM D5165n >200 34 25 <1	Machine Age	hrs	Client Info		0	0	0	
Asample StatusImage of the statusMARGINALNORMALWEAR METALSmethodlimit/basecurrenthistory1history2ornppmASTM D5185m>15000bitorniumppmASTM D5185m>15000lickelppmASTM D5185m>15000lickelppmASTM D5185m<1	Dil Age	hrs	Client Info		0	0	0	
WEAR METALS method limit/base current history1 history2 orn ppm ASTM D5185m >200 34 25 <1	Dil Changed		Client Info		Not Changd	Not Changd	Not Changd	
on ppm ASTM D5185m >200 34 25 <1 Chromium ppm ASTM D5185m >15 0 0 0 Bickel ppm ASTM D5185m >15 0 0 0 Biker ppm ASTM D5185m >25 <1	Sample Status				ABNORMAL	MARGINAL	NORMAL	
Drimmium ppm ASTM D5185m >15 0 0 0 lickel ppm ASTM D5185m >15 0 0 0 lickel ppm ASTM D5185m >15 0 0 0 liker ppm ASTM D5185m >25 <1	WEAR METALS		method	limit/base	current	history1	history2	
Bickel ppm ASTM D5185m >15 0 0 0 itanium ppm ASTM D5185m 0 0 0 uluminum ppm ASTM D5185m >25 <1	ron	ppm	ASTM D5185m	>200	34	25	<1	
intanium ppm ASTM D5185m <1 0 0 iliver ppm ASTM D5185m >25 <1	Chromium	ppm	ASTM D5185m	>15	0	0	0	
Silver ppm ASTM D5185m 0 0 0 Juminum ppm ASTM D5185m >25 <1	Nickel	ppm	ASTM D5185m	>15	0	0	0	
Numinum ppm ASTM D5185m >25 <1 0 <1 ead ppm ASTM D5185m >100 <1	Fitanium	ppm	ASTM D5185m		<1	0	0	
eadppmASTM D5185m>100<1<100SopperppmASTM D5185m>2001000InppmASTM D5185m>250000AdmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000AdaganeseppmASTM D5185m430AdaganeseppmASTM D5185m90988293BalciumppmASTM D5185m13300CONTAMINANTSmethodlimit/basecurrenthistory1history2BilloonppmASTM D5185m>50652CONTAMINANTSmethodlimit/basecurrenthistory1history2BilloonppmASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m2250.520.360.44VistalNONENONENONENONENONENONEVistal NoBOR0.250.520.360.440Vistal NoNENONENONENONENONENONE <t< td=""><td>Silver</td><td>ppm</td><td>ASTM D5185m</td><td></td><th>0</th><td>0</td><td>0</td></t<>	Silver	ppm	ASTM D5185m		0	0	0	
DopperppmASTM D5185m>200100InppmASTM D5185m>25000AnadiumppmASTM D5185m000DadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000AdagnesiumppmASTM D5185m0000AdagnesiumppmASTM D5185m4300AdagnesiumppmASTM D5185m13300AdagnesiumppmASTM D5185m13300CONTAMINANTSmethodlimit/basecurrenthistory1history2BilconppmASTM D5185m50652ContassiumppmASTM D5185m>50652SodiumppmASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D6185m>200.0160.0200.027pm WaterppmASTM D6185m>205.520.360.44VISUALmethodlimit/basecurrenthistory1history2kith Masescalar*VisualNONENONENONENONEVisUALmethodlimit/basecurrenthistory1history2kith Ma	Aluminum	ppm	ASTM D5185m	>25	<1	0	<1	
inppmASTM D5185m>250000anadiumppmASTM D5185m10000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m00000AdapaneseppmASTM D5185m-0000AdapaneseppmASTM D5185m9098829393AdapaneseppmASTM D5185m909882939098AdapaneseppmASTM D5185m90988293909890969645AdapensiumppmASTM D5185m90988290909696459090979097909	ead	ppm	ASTM D5185m	>100	<1	<1	0	
inppmASTM D5185m>250000anadiumppmASTM D5185m10000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m00000AdapaneseppmASTM D5185m-0000AdapaneseppmASTM D5185m9098829393AdapaneseppmASTM D5185m909882939098AdapaneseppmASTM D5185m90988293909890969645AdapensiumppmASTM D5185m90988290909696459090979097909	Copper	ppm	ASTM D5185m	>200	1	0	0	
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000BariumppmASTM D5185m0000AlanganeseppmASTM D5185m4300ManganeseppmASTM D5185m9098829393BaciumppmASTM D5185m909882939393BaciumppmASTM D5185m7085964545PhosphorusppmASTM D5185m13300CONTAMINANTSmethodlimit/basecurrenthistory1history2BiliconppmASTM D5185m20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Pim WaterppmASTM D5185m>2050.0200.027pm WaterppmASTM D5185m>2050.360.44VisualNONENONENONENONENONENONEVisualNONENONENONENONENONENONEVisualNONENONENONENONENONENONEVisualNONENONENONENONENONENONE	Гin	ppm	ASTM D5185m	>25	0	0	0	
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 4 3 0 0 Maganese ppm ASTM D5185m 4 3 0 0 Adagnesium ppm ASTM D5185m 90 98 82 93 Calcium ppm ASTM D5185m 90 98 82 93 Chagnesium ppm ASTM D5185m 90 98 82 93 Calcium ppm ASTM D5185m 90 98 82 93 Chagnesium ppm ASTM D5185m 90 98 82 93 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 6 5 2 Sodium ppm ASTM D5185m >20 0.016	/anadium	ppm	ASTM D5185m		<1	0	0	
Boron ppm ASTM D5185m 0 0 0 Barium ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 4 3 0 Magnesium ppm ASTM D5185m 90 98 82 93 Salcium ppm ASTM D5185m 90 98 82 93 CONTAMINANTS ppm ASTM D5185m 13 3 0 0 Contassium ppm ASTM D5185m >50 6 5 2 2 Sodium ppm ASTM D5185m >20 5 7 1 1 Vater % ASTM D6304 >0.2 0.016 0.020 0	Cadmium	ppm	ASTM D5185m		0	0	0	
AariumppmASTM D5185m000MolybdenumppmASTM D5185m430ManganeseppmASTM D5185m<1	ADDITIVES		method	limit/base	current	history1	history2	
AddybdenumppmASTM D5185m430ManganeseppmASTM D5185m9098829393CalciumppmASTM D5185m9098829393CalciumppmASTM D5185m9098829393CalciumppmASTM D5185m7085964545PhosphorusppmASTM D5185m13300CONTAMINANTSmethodlimit/basecurrenthistory1history2GodiumppmASTM D5185m>50652SodiumppmASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D6304>0.20.0160.0200.027ppm WaterppmASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Vrite Metalscalar*VisualNONENONENONENONEVellow Metalscalar*VisualNONENONENONENONESolitscalar*VisualNON	Boron	ppm	ASTM D5185m		0	0	0	
AanganeseppmASTM D5185m<1<1<10AaggnesiumppmASTM D5185m90988293CalciumppmASTM D5185m70859645PhosphorusppmASTM D5185m1330CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50652GodiumppmASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D6304>0.20.0160.0200.027ppm WaterppmASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2kcid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESebrisscalar*VisualNONENONENONENONENONESold/Lint	Barium	ppm	ASTM D5185m		0	0	0	
AggnesiumppmASTM D5185m90988293CalciumppmASTM D5185m70859645PhosphorusppmASTM D5185m1330CincppmASTM D5185m1330CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50652GodiumppmASTM D5185m>50652GodiumppmASTM D5185m>20571Vater%ASTM D5185m>20571Vater%ASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2kcid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESold/Dirtscalar*VisualNONENONENONENONENONESold/Dirtscalar*VisualNORMLNORMLNORMLNORMLNORMLSold/Dirtscalar*VisualNORMLNORMLNORMLNO	Nolybdenum	ppm	ASTM D5185m		4	3	0	
DecisionppmASTM D5185m70859645PhosphorusppmASTM D5185m1330CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m50652SodiumppmASTM D5185m50652SodiumppmASTM D5185m40<1	Manganese	ppm	ASTM D5185m		<1	<1	0	
ppmASTM D5185m1330CONTAMINANTSmethodlimit/basecurrenthistory1history2SoliconppmASTM D5185m>50652SoliconppmASTM D5185m>50652SoliconppmASTM D5185m>50652SoliconppmASTM D5185m>20571PotassiumppmASTM D5185m>20571Vater%ASTM D6304>0.20.0160.0200.027ppm WaterppmASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2vkicid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar"VisualNONENONENONENONErecipitatescalar"VisualNONENONENONENONESolitscalar"VisualNONENONENONENONEObbrisscalar"VisualNONENONENONENONESolitscalar"VisualNONENONENONENONESolitscalar"VisualNONENONENONENONESolad/Dirtscalar"VisualNORMLNORMLNORMLNORMLSoladr <t< td=""><td>Magnesium</td><td>ppm</td><td>ASTM D5185m</td><td>90</td><th>98</th><td>82</td><td>93</td></t<>	Magnesium	ppm	ASTM D5185m	90	98	82	93	
IncppmASTM D5185m800CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50652SodiumppmASTM D5185m>50652SodiumppmASTM D5185m>20571YotarsiumppmASTM D5185m>20571Yater%ASTM D6304>0.20.0160.0200.027pm WaterppmASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2kcid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONESpearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLSodorscalar*VisualNORMLNORMLNORMLNORML <td>Calcium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>708</th> <td>596</td> <td>45</td>	Calcium	ppm	ASTM D5185m		708	596	45	
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50652SodiumppmASTM D5185m>20571PotassiumppmASTM D5185m>20571Vater%ASTM D6304>0.20.0160.0200.027pm WaterppmASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2kcid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONEMODERMODERNONEDebrisscalar*VisualNONENONENONENONEArecipitatescalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEArecipitatescalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEArecipitatescalar*VisualNORMLNORMLNORMLNORMLArecipitate </td <td>Phosphorus</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>13</th> <td>3</td> <td>0</td>	Phosphorus	ppm	ASTM D5185m		13	3	0	
SiliconppmASTM D5185m>50652GodiumppmASTM D5185m40<1	Zinc	ppm	ASTM D5185m		8	0	0	
SodiumppmASTM D5185m40<1PotassiumppmASTM D5185m<>20571Vater%ASTM D6304<>0.20.0160.0200.027ppm WaterppmASTM D6304<>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2vcid Number (AN)mg KOH/gASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEObbrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLSand/Dirtscalar*VisualNORMLNORMLNORMLNORMLSand/Dirtscalar*VisualNORMLNORMLNORMLNORMLSand/Dirtscalar*VisualNORMLNORMLNORMLNORMLSand/Dirtscalar*VisualNORMLNORMLNORMLNORMLSand/Dirtscalar*VisualNORMLNORMLNORMLNORMLSand/Dirtscalar*VisualNORMLNOR	CONTAMINANTS		method	limit/base	current	history1	history2	
PotassiumppmASTM D5185m>20571Vater%ASTM D6304>0.20.0160.0200.027ppmMSTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEVellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLCorscalar*VisualNORMLNORMLNORMLNORMLNORMLCorscalar*VisualNORMLNORMLNORMLNORMLNORMLRegerscalar*VisualNORMLNORMLNORMLNORMLNORML	Silicon	ppm	ASTM D5185m	>50	6	5	2	
Vater % ASTM D6304 >0.2 0.016 0.020 0.027 opm Water ppm ASTM D6304 >2000 161.2 204.5 275.3 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 0.25 0.52 0.36 0.44 VISUAL method limit/base current history1 history2 Vhite Metal scalar *Visual NONE NONE NONE NONE NONE Velidow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Solit scalar *Visual NONE NONE NONE NONE Obbris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NORML NORML NORML NORML NORML Oppearance scalar *Visual	Sodium	ppm	ASTM D5185m		4	0	<1	
ppm WaterppmASTM D6304>2000161.2204.5275.3FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONENONEVelow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEObbrisscalar*VisualNONEMODERLIGHTSand/Dirtscalar*VisualNONENONENONEObbrisscalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLSinulsified Waterscalar*Visual>0.2NEGNEG	Potassium	ppm	ASTM D5185m	>20	5	7	1	
FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERLIGHTSand/Dirtscalar*VisualNONENONENONESppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLSmulsified Waterscalar*Visual>0.2NEGNEGNEG	Vater	%	ASTM D6304	>0.2	0.016	0.020	0.027	
Acid Number (AN)mg KOHgASTM D80450.250.520.360.44VISUALmethodlimit/basecurrenthistory1history2Vhite Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONEYercipitatescalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERLIGHTSand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	opm Water	ppm	ASTM D6304	>2000	161.2	204.5	275.3	
VISUAL method limit/base current history1 history2 Vhite Metal scalar *Visual NONE NONE NONE NONE LIGHT Yellow Metal scalar *Visual NONE NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Oebris scalar *Visual NONE MODER MODER LIGHT Sand/Dirt scalar *Visual NONE NONE NONE NONE Sppearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Smulsified Water scalar *Visual >0.2 NEG NEG NEG	FLUID DEGRADA		method	limit/base	current	history1	history2	
White Metal scalar *Visual NONE NONE NONE LIGHT Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Oebris scalar *Visual NONE MODER MODER LIGHT Sand/Dirt scalar *Visual NONE MODER NONE NONE Oppearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.2 NEG NEG NEG	Acid Number (AN)	mg KOH/g	ASTM D8045	0.25	0.52	0.36	0.44	
Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE MODER MODER LIGHT 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 >0.2 NEG NEG NEG	VISUAL		method	limit/base	current	history1	history2	
Precipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONEMODERMODERLIGHTSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT	
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERMODERLIGHTSand/Dirtscalar*VisualNONENONENONENONENoppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLImulsified Waterscalar*Visual>0.2NEGNEG	ellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE	
Debrisscalar*VisualNONEMODERMODERLIGHTGand/Dirtscalar*VisualNONENONENONENONEwppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLScalar*VisualNORMLNORMLNORMLNORMLMulsified Waterscalar*Visual>0.2NEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE	
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Debris	scalar	*Visual	NONE		A MODER	LIGHT	
Normal scalar *Visual NORML NORML NORML NORML NORML Immulsified Water scalar *Visual >0.2 NEG NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE	
mulsified Water scalar *Visual >0.2 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML	
	Ddor	scalar	*Visual	NORML	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG	
	Free Water	scalar			NEG	Subwittinged By:	NICKNEGJHAR	

Sample Rating Trend

VIS DEBRIS



OIL ANALYSIS REPORT



Submitted By: NICK FLUHART

Page 4 of 4