

OIL ANALYSIS REPORT

Area KEMP QUARRIES / RIVER VALLEY OZARK WL091

Component Transmission (Manual) Fluid MOBIL MOBILTRANS HD 30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

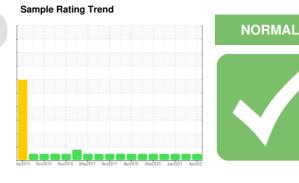
All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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



Sample Date Client Info 16 Apr 2024 19 Jul 2023 13 Jan 2023 Machine Age hrs Client Info 25576 15252 24686 Dil Age hrs Client Info 169494 15252 0 Dil Changed Client Info NORMAL NORMAL NORMAL NORMAL Sample Status Imit/base current history1 history2 Water WC Method >.0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Stromium ppm ASTM D5185m >20 2 2 3 Stromium ppm ASTM D5185m >2 0 0 1 1 Vickel ppm ASTM D5185m >2 0 0 1 1 Vickel ppm ASTM D5185m >2 <1 0 1 1 Vickel ppm ASTM D5185m >2 2 1 <t< th=""><th>SAMPLE INFOR</th><th>MATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Date Client Info 16 Apr 2024 19 Jul 2023 13 Jan 2023 Machine Age hrs Client Info 25576 15252 24686 Dil Age hrs Client Info 169494 15252 0 Dil Changed Client Info NORMAL NORMAL NORMAL NORMAL Sample Status Imit/base current history1 history2 Water WC Method >.0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Stromium ppm ASTM D5185m >20 2 2 3 Stromium ppm ASTM D5185m >2 0 0 1 1 Vickel ppm ASTM D5185m >2 0 0 1 1 Vickel ppm ASTM D5185m >2 <1 0 1 1 Vickel ppm ASTM D5185m >2 2 1 <t< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>PCA0086936</th><th>PCA0084554</th><th>PCA0086186</th></t<>	Sample Number		Client Info		PCA0086936	PCA0084554	PCA0086186
Dil Age hrs Client Info 169494 15252 0 Dil Changed Client Info NA Changed Not Changd Sample Status Client Info NA NoRMAL NoRMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Promium ppm ASTM D5185m >200 2 2 3 Phromium ppm ASTM D5185m >5 0 0 <1 <1 Nickel ppm ASTM D5185m >7 0 0 <1 <1 Silver ppm ASTM D5185m >25 <1 0 <1 <1 Copper ppm ASTM D5185m >225 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Sample Date		Client Info		16 Apr 2024	19 Jul 2023	13 Jan 2023
Dil Changed Client Info NA Changed Not Changed Sample Status NORMAL NORMAL NORMAL NORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG VEAR METALS method limit/base current history1 history2 ron ppm ASTM 05165m >20 2 2 3 chromium ppm ASTM 05165m >5 0 0 <1 viskel ppm ASTM 05165m >5 0 0 <1 uskel ppm ASTM 05165m >5 0 0 <1 uskel ppm ASTM 05165m >5 1 0 <1 uskel ppm ASTM 05165m >25 <1 2 1 usad ppm ASTM 05165m >25 2 <1 <1 ota ASTM 05165m >25 2 <1 <1 0 ota ASTM 05165m >10 0 0 0 0 atariam ppm ASTM 05165m 33 54 66 <	Machine Age	hrs	Client Info		25576	15252	24686
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >200 2 2 3 Dhromium ppm ASTM D5185m >5 0 0 0 lickel ppm ASTM D5185m >7 0 0 <1 <1 Silver ppm ASTM D5185m >7 0 0 <1 <1 Copper ppm ASTM D5185m >4 1 0 0 0 Aranadium ppm ASTM D5185m 25 2 <1 <1 0 Aranadium ppm ASTM D5185m 4 4 5 3 Aranadium ppm ASTM D5185m	Oil Age	hrs	Client Info		169494	15252	0
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 ron ppm ASTM 05165m >2 2 3 Shronium ppm ASTM 05165m >5 0 0 -1 -1 vickel ppm ASTM 05165m >5 0 0 -1 -1 Weinum ppm ASTM 05165m >5 0 0 -1 -1 Watinum ppm ASTM 05165m >25 <1 2 1 -1 Lead ppm ASTM 05165m >25 2 -1 -1 -1 Armadium ppm ASTM 05165m >225 2 -1 -1 0 0 Astm 05165m >10 0 0 0 0 0 0 0 0 0	Oil Changed		Client Info		N/A	Changed	Not Changd
Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 ron ppm ASTM 05165m >200 2 2 3 Chromium ppm ASTM 05165m >5 0 <1 <1 Silver ppm ASTM 05165m >5 0 0 <1 Silver ppm ASTM 05165m >7 0 0 <1 Silver ppm ASTM 05165m >25 <1 0 <1 Qapper ppm ASTM 05165m >25 2 <1 <1 Copper ppm ASTM 05165m >225 2 <1 <1 Comminm ppm ASTM 05165m >10 0 0 0 Comminm ppm ASTM 05165m 8 3 4 3 Arandium ppm ASTM 05165m 8 3 4 3 <	Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS method limit/base current history1 history2 ron ppm ASTM 05185m >200 2 2 3 Dronnium ppm ASTM 05185m >5 0 <1 <1 Nickel ppm ASTM 05185m >5 0 <1 <1 Numinum ppm ASTM 05185m >7 0 0 <1 Numinum ppm ASTM 05185m >7 0 0 <1 Lead ppm ASTM 05185m >25 <1 0 <1 Lead ppm ASTM 05185m >225 2 <1 <1 Copper ppm ASTM 05185m <10 0 0 0 Canadium ppm ASTM 05185m <1 0 0 0 Astimony ppm ASTM 05185m <1 0 0 0 Astimony ppm ASTM 05185m 3 4 <	CONTAMINAT	ION	method	limit/base	current	history1	history2
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Nickel ppm ASTM D5185m >5 0 0 0 Iftanium ppm ASTM D5185m >7 0 0 <1 Silver ppm ASTM D5185m >25 <1 2 1 Silver ppm ASTM D5185m >25 <1 0 <1 Silver ppm ASTM D5185m >25 <1 0 <1 Lead ppm ASTM D5185m >225 2 <1 <1 Copper ppm ASTM D5185m >10 0 0 0 Arandium ppm ASTM D5185m 0 0 0 0 Adamium ppm ASTM D5185m 0 0 0 0 Adarganese ppm ASTM D5185m 0 0 0 <1 Adarganese ppm ASTM D5185m 2853 2699 2631 Phosphorus ppm ASTM D5185m 2853 2699 2631	Iron	ppm	ASTM D5185m	>200	2	2	3
Titanium ppm ASTM D5185m 0 <1	Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Silver ppm ASTM D5185m >7 0 0 <1	Nickel	ppm	ASTM D5185m	>5	0	0	0
Numinum ppm ASTM D5185m >25 <1	Titanium	ppm	ASTM D5185m		0	<1	<1
Lead ppm ASTM D5185m >45 <1	Silver	ppm	ASTM D5185m	>7	0	0	
Dopper ppm ASTM D5185m >225 2 <1	Aluminum	ppm	ASTM D5185m	>25	<1	2	1
Tin ppm ASTM D5185m >10 0 0 0 Antimony ppm ASTM D5185m /anadium ppm ASTM D5185m <1	Lead	ppm	ASTM D5185m	>45	<1	0	<1
Antimony ppm ASTM D5185m Vanadium ppm ASTM D5185m <1 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 8 3 4 Barium ppm ASTM D5185m 0 0 0 Magnesium ppm ASTM D5185m 33 54 66 Calcium ppm ASTM D5185m 333 54 66 Calcium ppm ASTM D5185m 333 54 66 Calcium ppm ASTM D5185m 3798 3844 3307 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m<>125 4 4 16 Sodium ppm ASTM D5185m<>20 0	Copper	ppm	ASTM D5185m	>225	2	<1	<1
Astmospy ppm Astm D5185m <1	Tin	ppm	ASTM D5185m	>10	0	0	0
DadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m834BariumppmASTM D5185m000MolybdenumppmASTM D5185m445ManganeseppmASTM D5185m00<1MagnesiumppmASTM D5185m335466ZalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944DincppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2VISUALnethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENORENORENORESand/Dirtsc	Antimony	ppm	ASTM D5185m				
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m834BariumppmASTM D5185m000MolybdenumppmASTM D5185m445ManganeseppmASTM D5185m00<1MagnesiumppmASTM D5185m335466CalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944CincppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2VISUALmethodlimit/basecurrenthistory1history2VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEOpearancescalar*VisualNONENONENONENONENONEOpearancescalar*VisualNONENONENONENONENONEOpearancescalar*VisualNONENONENONENONE <th>Vanadium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th><1</th> <th>0</th> <th>0</th>	Vanadium	ppm	ASTM D5185m		<1	0	0
BoronppmASTM D5185m834BariumppmASTM D5185m000MolybdenumppmASTM D5185m445ManganeseppmASTM D5185m00<1MagnesiumppmASTM D5185m335466CalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944PhosphorusppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2VisualNONENONENONENONENONEVisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESoldorscalar*VisualNONENONENONENONEOpeariascalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEOpeariascalar*VisualNONENONE <t< th=""><th>Cadmium</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>0</th><th>0</th><th>0</th></t<>	Cadmium	ppm	ASTM D5185m		0	0	0
BariumppmASTM D5185m000MolybdenumppmASTM D5185m445ManganeseppmASTM D5185m00<1MagnesiumppmASTM D5185m335466CalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944ZincppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2VISUALmethodlimit/basecurrenthistory1history2VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESold/intscalar*VisualNONENONENONENONENONESold/intscalar*VisualNONENONENONENONENONECotorscalar*VisualNORMLNORMLNORMLNORML	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m445ManganeseppmASTM D5185m00<1MagnesiumppmASTM D5185m335466CalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944ZincppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPerecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLNORMLCoorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLCoorscalar <td< th=""><th>Boron</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>8</th><th>3</th><th>4</th></td<>	Boron	ppm	ASTM D5185m		8	3	4
MarganeseppmASTM D5185m00<1	Barium	ppm	ASTM D5185m		0	0	0
MagnesiumppmASTM D5185m335466CalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944ZincppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLCoorscalar*VisualNORMLNORMLNORMLNORMLCoorscalar*VisualNORMLNORMLNORMLNORMLCoorscalar*VisualNORMLNORMLNORMLNORML	Molybdenum	ppm	ASTM D5185m		4	4	5
CalciumppmASTM D5185m285326992631PhosphorusppmASTM D5185m882900944ZincppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>100PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORML	Manganese	ppm	ASTM D5185m		0		
PhosphorusppmASTM D5185m882900944ZincppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORML	Magnesium	ppm	ASTM D5185m		33	54	66
ZincppmASTM D5185m102111201134SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYeclow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEObbrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Calcium	ppm	ASTM D5185m		2853	2699	2631
SulfurppmASTM D5185m379838443307CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m>1254416SodiumppmASTM D5185m>2002<1PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Phosphorus	ppm	ASTM D5185m		882	900	944
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m100PotassiumppmASTM D5185m2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLDodorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Zinc	ppm	ASTM D5185m		1021	1120	1134
SiliconppmASTM D5185m>1254416SodiumppmASTM D5185m100PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEVellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEOebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Sulfur	ppm	ASTM D5185m		3798	3844	3307
SodiumppmASTM D5185m100PotassiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEVellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	CONTAMINAN	ITS	method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>2002<1	Silicon	ppm	ASTM D5185m	>125	4	4	16
VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Sodium	ppm	ASTM D5185m		1	0	0
White Metalscalar*VisualNONENONENONENONENONEVellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Potassium	ppm	ASTM D5185m	>20	0	2	<1
Yellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Normal scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Appearance	scalar		NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG Submitted By:

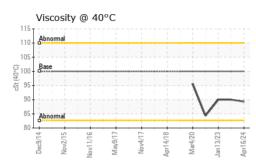
NEG

NEG

scalar *Visual



OIL ANALYSIS REPORT



FLUID PROPE	RTIES	method	limit/base	current	history1		history	y2
Visc @ 40°C	cSt	ASTM D445	100	89.3	90.0		90.0	
SAMPLE IMAC	GES	method	limit/base	current	history1	1	history	y2
Color				no image	no image		no imag	е
Bottom				no image	no image		no imag	е
GRAPHS								_
Iron (ppm)			1	Lead (ppm)	1			
Severe				30 -				
Abnormal			L	Abnormal				
•				10				
16	11	20	24	0 12 19	11	18	23	90
Dec9/14 Nov2/15 Nov11/16 May9/17	Nov4/17	Mar4/20	Apr16/24	Dec9/14 Nov2/15 Nov11/16	May9/17 Nov4/17	Apr14/18	Jan 13/23	Apr12/24
Aluminum (ppm)				Chromium (p	pm)			
Severe				10 - Severe				
Abnormal				8 - 6 - Abnormal				
				4 - 2				
16	11	20	24	0	17	18	23	96
Dec9/14 Nov2/15 Nov11/16 May9/17	Nov4/17	Apr14/10 Mar4/20	Apr16/24	Dec9/14 Nov2/15 Nov11/16	May9/17 Nov4/17	Apr14/18	Jan 13/23	Apr12/24
Copper (ppm)			3	Silicon (ppm)				
Severe				50 - Severe				
Abnormal			E L					
				00 - 50 -				
Dec3/14	Vov4/17	40114/10 Mar4/20	Apr16/24	Dec9/14	May9/17	Apr14/18	Mar4/20	PC/3
2 -	Nov	Apri 4/10 Mar4/20	Apr1	2	May Nov	Apr1	Mar4/20 Jan 13/23	AC/21-oA
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Dei Nov1 May	Noi	Apr Ma	Aprl	Der Nov	Mar	Apri	Jan 1	And

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

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Certificate L2367

Laboratory Sample No. Lab Number **Unique Number Test Package**

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