

OIL ANALYSIS REPORT

Sample Rating Trend WEAR



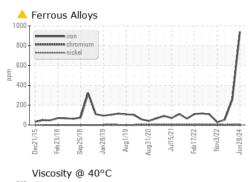
Area KEMP QUARRIES / RIVER VALLEY BACKBONE Machine Id WL100 Component Front Right Final Drive Eluid

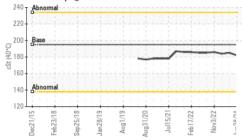
Fluid MOBIL MOBILTRANS HD 50 (--- GAL)

Accommendation Sample Number Client Info PCA003497 PCA00371/20 Resomple atter envice interval to monitor. Machine Age This Client Info Z3201 2020/27/20 358/21 Garawate is indicated. Commission Sample atter envice interval to monitor. Machine Age This Client Info Sample atter envice interval to monitor. Fluid Contine There is no indication of any contamination in the al. Contamination Machine Age Mac	DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Non-corrective action is noncommended at this time. Sample Data Client Info 26 Jun 2020 6 Apr 2020 1 Jan 2020 Resample at the vect service Interval to monitor. Machine Age his Client Info 900 35629 600 Contamination of any contamination in the oil. Client Info 900 35629 600 600 Fuid Condition The condition of the oil is acceptable for the time in the oil. Sample Status unrethod Immember 200 NEG NEG NEG Fuid Condition The condition of the oil is acceptable for the time in the oil. Sample Status unrethod Immember 200 NEG NEG NEG NEG The condition of the oil is acceptable for the time in the oil. Sample Status unrethod Immember 200 NEG N	A Becommendation	Sample Number		Client Info		PCA0034497	PCA0037173	PCA0037126
Pream Control State Control State		· ·						
Mear Oil Age Inits Oil Age Oi			hrs					
Generation Oil Changed Clinet in Not Change	A Wear	U						
Contamination Sample Status ABNORMAL NORMAL NORMAL NORMAL There is no indication of any contamination in the oil. Fuid Condition method limitbase current history1 history2 The condition of the oil is acceptable for the time intervice. method method history2 NEG NEG NEG The condition of the oil is acceptable for the time intervice. method method history2 S3 <1 0 The condition of the oil is acceptable for the time intervice. method method history2 0 <th></th> <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		-						
There is no indication of any contamination in the oil is acceptable for the time in service. CONTAMINATION method timbase current history1 history2 Service. Water WC Method >0.2 NEG NEG NEG Iron ppm ASTI/L058m >600 3 -71 0 Nickel ppm ASTI/L058m >50 0 0 0 Nickel ppm ASTI/L058m >55 0 0 0 Auminum ppm ASTI/L058m >11 1 -1 -1 Gopper ppm ASTI/L058m >16 1 0 0 0 Auminum ppm ASTI/L058m >16 1 0 0 0 0 Copper ppm ASTI/L058m >16 1 0 0 0 0 Variadium ppm ASTI/L058m >16 0 0 0 0 0 0 0 0 0 <		-				-		
Oli Court Name Network Method Mindbase Culture NEG NEG NEG Fuid Coultion of the oil is acceptable for the time in service. Marce WC Method >0.0 NEG NEG NEG Silvery Silvery Iron ppm ASTM 0585m >800 A 940 259 53 Chrornium ppm ASTM 0585m >800 A 940 259 53 Chrornium ppm ASTM 0585m >5 0 0 0 Nicke ppm ASTM 0585m >22 0 0 0 Aluminum ppm ASTM 0585m >22 0 0 0 Copper ppm ASTM 0585m >10 1 0 0 0 Vanadum ppm ASTM 0585m >8 0 0 0 0 Vanadum ppm ASTM 0585m <2 2 2 2 2 Mapagesize ppm ASTM		-				ABROTINAL		
MUCONILION WEAR METALS method imit/base current history1 history2 Iron ppm ASTM 05/85m >800 ▲ 940 259 53 Chromium ppm ASTM 05/85m >50 0 0 0 Nickel ppm ASTM 05/85m >55 1 1 1 -1 Silver ppm ASTM 05/85m >52 0 0 0 Silver ppm ASTM 05/85m >52 1 1 0 0 Silver ppm ASTM 05/85m >22 0 0 0 Copper ppm ASTM 05/85m >75 18 0 0 0 Cadmium ppm ASTM 05/85m <0 0 0 0 0 Cadmium ppm ASTM 05/85m 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 <th></th> <th></th> <th>ION</th> <th></th> <th></th> <th></th> <th></th> <th></th>			ION					
Service. Note of the propertion of the properiod of			-					
Chromium ppm ASTM 25158m >10 3 <1		WEAR METAL	S	method	limit/base	current	history1	history2
Nickel ppm ASTM 05185m >5 0 0 0 Titanium ppm ASTM 05185m >2 0 0 0 Silver ppm ASTM 05185m >2 0 0 0 Aluminum ppm ASTM 05185m >75 18 12 3 Lead ppm ASTM 05185m >75 26 3 2 Tin ppm ASTM 05185m >75 26 3 2 Vanadum ppm ASTM 05185m 2 3 0 0 0 Cadmium ppm ASTM 05185m 2 2 1 +1 Barion ppm ASTM 05185m 0 0 0 0 Molybdenum ppm ASTM 05185m 0 3 3 12 2 Manganese ppm ASTM 05185m 30 3 123 103 1023 Zince ppm ASTM 05185m 10		Iron	ppm	ASTM D5185m	>800	<u> </u>	259	53
Titanium ppm ASTM 25188n >15 1 1 <1		Chromium	ppm	ASTM D5185m	>10	3	<1	0
Silver ppm ASTM 05155m >20 0 0 Aluminum ppm ASTM 05155m >10 1 0 0 Lead ppm ASTM 05155m >10 1 0 0 Copper ppm ASTM 05155m >75 26 3 2 Tin ppm ASTM 05155m >8 0 0 0 Vanadium ppm ASTM 05155m 0 0 0 0 Cadmium ppm ASTM 05155m 0 0 0 0 ADDITIVES method Imit/base current history1 /history2 Boron ppm ASTM 05155m 2 2 2 2 Manganesce ppm ASTM 05155m 2 2 2 2 Manganesce ppm ASTM 05155m 3 3 3 23 3 123 Sulfur ppm ASTM 05155m 3 1 22		Nickel	ppm	ASTM D5185m	>5	0	0	0
AluminumppmASTILD5185m>7518123LeadppmASTILD5185m>752632TinppmASTILD5185m>28000VanadiumppmASTILD5185m0000CadmiumppmASTILD5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTILD5185m0000MagnesiumppmASTILD5185m222MarganeseppmASTILD5185m222MarganeseppmASTILD5185m303828CalciumppmASTILD5185m102310031023ZincppmASTILD5185m102310031023SulfurppmASTILD5185m117312761290SulfurppmASTILD5185m102310031023ZincppmASTILD5185m102310031023SulfurppmASTILD5185m205130YelsowingppmASTILD5185m205130VISUALppmASTILD5185m20513VisualppmASTILD5185m20513VisualppmASTILD5185m20513VisualppmASTILD5185m20513Visual		Titanium	ppm	ASTM D5185m	>15	1	1	<1
Lead ppm ASTM D518sm >10 1 0 0 Copper ppm ASTM D518sm >26 3 2 Tin ppm ASTM D518sm >8 0 0 0 Vanadium ppm ASTM D518sm 0 0 0 0 Cadmium ppm ASTM D518sm 0 0 0 0 ADDITIVES method imit/base current history1 history2 Boron ppm ASTM D518sm 0 0 0 0 Magnessium ppm ASTM D518sm 0 0 0 0 Magnessium ppm ASTM D518sm 0 0 0 0 0 0 Magnessium ppm ASTM D518sm 0 0 30 38 28 Calcium ppm ASTM D518sm 1023 1003 1023 1023 Sulfur ppm ASTM D518sm 205		Silver	ppm	ASTM D5185m	>2	0	0	0
Copper ppm ASTM D5185m >75 26 3 2 Tin ppm ASTM D5185m >8 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 30 38 28 2 <1 Calcium ppm ASTM D5185m 300 38 28 23039 3152 Phosphorus ppm ASTM D5185m 1023 1003 1023 Zinc ppm ASTM D5185m 20 5 1 3 CONTAMINANTS method limit/base current		Aluminum	ppm	ASTM D5185m	>75	18	12	3
TinppmASTM D5185m>8000VanadiumppmASTM D5185m0000CadmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory2BoronppmASTM D5185m2-1<1BariumppmASTM D5185m222MolydofenumppmASTM D5185m222MaganeseppmASTM D5185m22-1MagnesiumppmASTM D5185m03828CalciumppmASTM D5185m102310031023ZinoppmASTM D5185m102310031023SulfurppmASTM D5185m102310031023SulfurppmASTM D5185m2001076415SodiumppmASTM D5185m>4001076415PotassiumppmASTM D5185m>40010764107PotassiumppmASTM D5185m>4001076415SodiumppmASTM D5185m>4001076415PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history		Lead	ppm	ASTM D5185m	>10	1	0	0
VanadiumppmASTM D5185m000CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m2<1<1BariumppmASTM D5185m2<1<1BariumppmASTM D5185m222MolybdenumppmASTM D5185m303828CalciumppmASTM D5185m102310031023AgnesiumppmASTM D5185m102310031023ZincppmASTM D5185m117312781230SulfurppmASTM D5185ms54391317994CONTAMINATTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VISUALvisualNONENONENONENONENONEPotassiumppmASTM D5185m>20513VISUALvisualNONENONENONENONENONEPrecipitatescalar'VisualNONENONENONENONESodiumppmscalar'VisualNONE </th <th></th> <th>Copper</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>75</th> <th>26</th> <th>3</th> <th>2</th>		Copper	ppm	ASTM D5185m	>75	26	3	2
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m2<1<1BariumppmASTM D5185m000MolybdenumppmASTM D5185m222ManganeseppmASTM D5185m303828CalciumppmASTM D5185m303828CalciumppmASTM D5185m102310031023ZincppmASTM D5185m117312781230SulfurppmASTM D5185m117312781230SulfurppmASTM D5185m>4001076415SodiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VisualNONENONENONENONENONENONEPotassiumppmASTM D5185m>20513VisualscalarVisualNONENONENONENONEPotassiumppmASTM D5185m>20513SodiumppmASTM D5185m>2051 <td< th=""><th></th><th>Tin</th><th>ppm</th><th>ASTM D5185m</th><th>>8</th><th>0</th><th>0</th><th>0</th></td<>		Tin	ppm	ASTM D5185m	>8	0	0	0
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m2<1<1BariumppmASTM D5185m222ManganeseppmASTM D5185m303828CalciumppmASTM D5185m303828CalciumppmASTM D5185m102310031023PhosphorusppmASTM D5185m102310031023ZincppmASTM D5185m854391317994CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20513VISUALNONENONENONENONENONENONEPotassiumppmASTM D5185m>20513VISUALVIsualNONENONENONENONENONEPotosscalarVisualNONENONENONENONESittscalarVis		Vanadium	ppm	ASTM D5185m		0	0	0
BoronppmASTM D5185m2<1		Cadmium	ppm	ASTM D5185m		0	0	0
BariumppmASTM D5185m000MolybdenumppmASTM D5185m222ManganeseppmASTM D5185m303828CalciumppmASTM D5185m3030.93152PhosphorusppmASTM D5185m102310031023ZincppmASTM D5185m102310031023SulfurppmASTM D5185m102310031023SulfurppmASTM D5185m102310031023SulfurppmASTM D5185m01076415SodiumppmASTM D5185m20513VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar"VisualNONENONENONENONEYellow Metalscalar"VisualNONENONENONENONENONESititscalar"VisualNONENONENONENONENONENONENONEDebrisscalar"VisualNONENONENONENONENONENONENONEQidowscalar"VisualNONENONENONENONENONENONENONEQidowscalar"VisualNONENONENONENONENONE		ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m222ManganeseppmASTM D5185m82<1MagnesiumppmASTM D5185m303828CalciumppmASTM D5185m102330033152PhosphorusppmASTM D5185m102310031023ZincppmASTM D5185m117312781230SulfurppmASTM D5185m854391317994CONTAMINANTSmethodimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESititscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEQdorscalar*VisualNONENONENONENONENONEQdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLQdorscalar*VisualNORMLNORMLNORMLNORMLNORML <td< th=""><th></th><th>Boron</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>2</th><th><1</th><th><1</th></td<>		Boron	ppm	ASTM D5185m		2	<1	<1
MagaaneseppmASTM D5185m82<1		Barium	ppm	ASTM D5185m		0	0	0
MagnesiumppmASTM D5185m303828CalciumppmASTM D5185m295830393152PhosphorusppmASTM D5185m102310031023ZincppmASTM D5185m117312781230SulfurppmASTM D5185m854391317994CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m>4001076415SodiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESititscalar*VisualNONENONENONENONENONESititscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNORENONENONENONENOREAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLGodoscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLNonescalar <th></th> <th>Molybdenum</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>2</th> <th>2</th> <th>2</th>		Molybdenum	ppm	ASTM D5185m		2	2	2
CalciumppmASTM D5185m295830393152PhosphorusppmASTM D5185m102310031023ZincppmASTM D5185m117312781230SulfurppmASTM D5185m854391317994CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORML <td< th=""><th></th><th>Manganese</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>8</th><th>2</th><th><1</th></td<>		Manganese	ppm	ASTM D5185m		8	2	<1
PhosphorusppmASTM D5185m102310031023ZincppmASTM D5185m117312781230SulfurppmASTM D5185m854391317994CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m>4001076415SodiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNONENONENONENONENORHLAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLNORMLFree Waterscalar*Visual>0.2NEGNEGNEG		Magnesium	ppm	ASTM D5185m		30	38	28
ZincppmASTM D5185m117312781230SulfurppmASTM D5185m854391317994CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m>4001076415PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESodiuhscalar*VisualNONENONENONENONENONEVellow Metalscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESodiu/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLGodorscalar*VisualNORMLNORMLNORMLNORMLNORMLGodorscalar*VisualNORMLNORMLNORMLNORMLNORMLFree Waterscalar*Visual>0.2NEGNEGNEG <th></th> <th>Calcium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>2958</th> <th>3039</th> <th>3152</th>		Calcium	ppm	ASTM D5185m		2958	3039	3152
SulfurppmASTM D5185m854391317994CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m203<10PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESittscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLDebrisfied Waterscalar*VisualNORMLNORMLNORMLNORMLNoderscalar*VisualNORMLNORMLNORMLNORMLNORMLNoderscalar*VisualNORMLNORMLNORMLNORMLNORMLRemulsified Waterscalar*Visual>0.2NEGNEGNEG		Phosphorus	ppm	ASTM D5185m		1023	1003	1023
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185mS3<10PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLModerscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLFree Waterscalar*VisualSolar*VisualNORMLNEGNEG		Zinc	ppm	ASTM D5185m		1173	1278	1230
SiliconppmASTM D5185m>4001076415SodiumppmASTM D5185m3<10PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNORMLNEGNEG		Sulfur	ppm	ASTM D5185m		8543	9131	7994
SodiumppmASTM D5185mImage: Sodium3<1		CONTAMINAN	TS	method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visualsolasola*VisualSolaNEGNEGNEG		Silicon	ppm	ASTM D5185m	>400	107	64	15
PotassiumppmASTM D5185m>20513VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visualsolasola*VisualSolaNEGNEGNEG		Sodium	ppm	ASTM D5185m		3	<1	0
White Metalscalar*VisualNONENONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEG		Potassium	ppm	ASTM D5185m	>20	5	1	3
Yellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual<0.2NEGNEGNEG		VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNegNEgNEgNEg		White Metal	scalar	*Visual		NONE	NONE	NONE
Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualVisualNEGNEGNEG		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualVisualNEGNEGNEG		Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEGFree Waterscalar*VisualVisualNEGNEGNEGNEG		Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEGFree Waterscalar*VisualVisualNEGNEGNEGNEG		Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualVisualNEGNEGNEG		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG		Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Free Waterscalar*VisualNEGNEG		Odor	scalar	*Visual	NORML	NORML	NORML	NORML
		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG



OIL ANALYSIS REPORT







To discuss this sample report, contact Customer Service at 1-800-237-1369.

backbone@rivervalleyquarries.com * - 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)

Report Id: KEMHUN [WUSCAR] 06230930 (Generated: 07/10/2024 14:06:26) Rev: 1

Certificate 12367

Laboratory

Sample No.

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