

OIL ANALYSIS REPORT

Area 2H28 Machine Io PETERBILT 337 JTK9851 (S/N 2NP2HM7XXHM442982) Component

Component Transmission (Auto)

Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

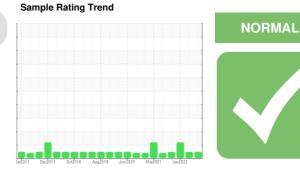
All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

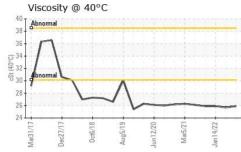
The condition of the fluid is acceptable for the time in service.



Sample Date Client Info 12 Apr 2024 09 Oct 2023 14 Jan 2022 Machine Age mis Client Info 88131 86792 77328 Dil Age mis Client Info 0 0 0 Dil Age mis Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A N/A CONTAMINATION method limibbase current history1 history2 Water WC Method >0.1 NEG NEG NEG Vickel ppm ASTM D5185m >5 1 <1 <1 Nickel ppm ASTM D5185m >5 1 <1 0 0 Silver ppm ASTM D5185m >5 1 <1 0 0 Auminum ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >20 17 14 Tin<	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Date Client Info 12 Apr 2024 09 Oct 2023 14 Jan 2022 Machine Age mis Client Info 88131 86792 77328 Dil Age mis Client Info 0 0 0 Dil Age mis Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A N/A CONTAMINATION method limibbase current history1 history2 Water WC Method >0.1 NEG NEG NEG Vickel ppm ASTM D5185m >5 1 -1 -1 Nickel ppm ASTM D5185m >5 1 0 0 Silver ppm ASTM D5185m >5 1 0 0 0 Auminum ppm ASTM D5185m >50 8 7 4 0 0 0 Auminum ppm ASTM D5185m >20 1 1	Sample Number		Client Info		ARI0007520	ARI0006908	ARI0005247
Machine AgemisClient Info881318679277328Di AgemisClient Info000Di ChangedClient InfoN/AN/AN/ASample StatusImit ColeN/AN/AABNORMALCONTAMINATIONmethodImit Colecurrenthistory1history2WaterWC Method>0.1NEGNEGNEGWEAR METALSmethodImit Colecurrenthistory1history2ronppmASTM D5185m>51<1<1ChroniumppmASTM D5185m>51<1<1ChroniumppmASTM D5185m>51<1<1ChroniumppmASTM D5185m>50331827LeadppmASTM D5185m>50331827LeadppmASTM D5185m>50331827CopperppmASTM D5185m>1653AuminomyppmASTM D5185m<1000AdminonyppmASTM D5185m<1000AbutinomyppmASTM D5185m<222186206BarrumppmASTM D5185m3220AbutinomyppmASTM D5185m3220AbutinomyppmASTM D5185m21<16BarrumppmASTM D5185m21 <td< th=""><th>Sample Date</th><th></th><th>Client Info</th><th></th><th>12 Apr 2024</th><th>09 Oct 2023</th><th>14 Jan 2022</th></td<>	Sample Date		Client Info		12 Apr 2024	09 Oct 2023	14 Jan 2022
Dil Changed Client Info N/A N/A N/A N/A Sample Status Imite Mark NORMAL NORMAL ABNORMAL CONTAMINATION method limitebase current history1 history2 Water WC Method >0.1 NEG NEG NEG VEAR METALS method limitebase current history1 history2 ron ppm ASTM D5185m >5 1 <1 <1 Nickel ppm ASTM D5185m >5 2 <1 0 Numinum ppm ASTM D5185m >5 1 0 0 Numinum ppm ASTM D5185m >5 3 18 27 Lead ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >10 6 3 Antimony ppm ASTM D5185m 10 0 0 ADDITIVES method limit/base current history2 Boron ppm ASTM D5185m 1 <1 0 ADDITIVES method limit/base current history2 Boron ppm	Machine Age	mls	Client Info		88131	86792	77328
Dil Changed Client Info N/A N/A N/A N/A Sample Status Imathod Imitbbase current NoRMAL NORMAL ABNORMAL CONTAMINATION method Imitbbase current History1 History2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method Imitbbase current History1 history2 ron ppm ASTM D5185m >5 1 <1 <1 Correntim ppm ASTM D5185m >5 1 <1 <1 Nickel ppm ASTM D5185m >5 3 18 27 Lead ppm ASTM D5185m >5 3 18 27 Lead ppm ASTM D5185m >5 3 18 27 Lead ppm ASTM D5185m >5 3 3 18 27 Lead ppm ASTM D5185m >2 20 17 14 Copper ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m <1 0 0 ADDTIVES method Imitbbase 22<	Oil Age	mls	Client Info		0	0	0
Sample Status NORMAL NORMAL NORMAL ABNORMAL 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 >5 1 <1 <1 Chromium ppm ASTM D5185m >5 2 <1 0 Titanium ppm ASTM D5185m >5 2 <1 0 Silver ppm ASTM D5185m >5 <1 0 0 Lead ppm ASTM D5185m >5 <1 0 0 Avanatium ppm ASTM D5185m <22 0 17 14 Copper ppm ASTM D5185m <1 0 0 0 Avanatium ppm ASTM D5185m <1 0 0 0	Oil Changed		Client Info		N/A	N/A	N/A
Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >5 1 <1 <1 Chromium ppm ASTM D5185m >5 2 <1 0 Silver ppm ASTM D5185m >5 2 <1 0 Silver ppm ASTM D5185m >50 33 18 27 ead ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >225 20 17 14 Copper ppm ASTM D5185m >10 6 5 3 Antimony ppm ASTM D5185m <1 0 0 2 Cadmium ppm ASTM D5185m <1 0 2 0 Antimony ppm ASTM D5185m 232 186 206 3	Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >160 150 136 117 Chromium ppm ASTM D5185m >5 2 <1 0 Titanium ppm ASTM D5185m <1 <1 0 0 Aluminum ppm ASTM D5185m >5 2 <1 0 0 Lead ppm ASTM D5185m >50 33 18 27 Lead ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m 10 6 5 3 Antimony ppm ASTM D5185m <1 0 0 0 Adamium ppm ASTM D5185m <1 0 0 0 Adamium ppm ASTM D5185m 232 186 206 3 Barium ppm ASTM D5185m 0 2	CONTAMINATION	J	method	limit/base	current	history1	history2
ron ppm ASTM D5185m >160 150 136 117 Chromium ppm ASTM D5185m >5 2 <1 0 Vickel ppm ASTM D5185m >5 2 <1 0 Silver ppm ASTM D5185m >5 2 <1 0 Silver ppm ASTM D5185m >50 33 18 27 Lead ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >50 6 5 3 Antimony ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 232 186 206 Barium ppm ASTM D5185m 1 <1 <1 <1 Wagnesse ppm ASTM D5185m 3 2 2	Water		WC Method	>0.1	NEG	NEG	NEG
Drm ASTM D5185m >5 1 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185n >5 2 <1	Iron	ppm	ASTM D5185m	>160	150	136	117
Titanium ppm ASTM D5185m <1	Chromium	ppm	ASTM D5185m	>5	1	<1	<1
Silver ppm ASTM D5185m >5 <1	Nickel	ppm	ASTM D5185m	>5	2	<1	0
Aluminum ppm ASTM D5185m >50 33 18 27 Lead ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >225 20 17 14 Tin ppm ASTM D5185m >10 6 5 3 Antimony ppm ASTM D5185m >10 6 5 3 Antimony ppm ASTM D5185m <1 0 0 Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m <1 0 0 Boron ppm ASTM D5185m 232 186 206 Barium ppm ASTM D5185m 1 <1 <1 <1 Maganese ppm ASTM D5185m 2 <1 6 3 Sulfur ppm ASTM D5185m 557 481 195 Phosphorus ppm	Titanium	ppm	ASTM D5185m		<1	<1	0
Lead ppm ASTM D5185m >50 8 7 4 Copper ppm ASTM D5185m >225 20 17 14 Tin ppm ASTM D5185m >10 6 5 3 Antimony ppm ASTM D5185m <1 0 0 Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m <1 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 232 186 206 Barium ppm ASTM D5185m 1 <1 <1 <1 Mangaenese ppm ASTM D5185m 2 <1 6 2 Calcium ppm ASTM D5185m 2 <1 6 2 Sulfur ppm ASTM D5185m 20 9 8 7 Sodium ppm	Silver	ppm	ASTM D5185m	>5	<1	0	0
Copper ppm ASTM D5185m >225 20 17 14 Tin ppm ASTM D5185m >10 6 5 3 Antimony ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m <1 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 232 186 206 Barium ppm ASTM D5185m 1 <1 <1 Manganese ppm ASTM D5185m 3 2 2 Magnesium ppm ASTM D5185m 2 <1 6 Calcium ppm ASTM D5185m 557 481 520 Zinc ppm ASTM D5185m 557 481 1471 CONTAMINANTS method imit/base current history1 <th>Aluminum</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>50</th> <th>33</th> <th>18</th> <th>27</th>	Aluminum	ppm	ASTM D5185m	>50	33	18	27
TinppmASTM D5185m<>10653AntimonyppmASTM D5185m0VanadiumppmASTM D5185m<100CadmiumppmASTM D5185m<100ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m232186206BariumppmASTM D5185m020MolybdenumppmASTM D5185m1<1<1MaganeseppmASTM D5185m2<16CalciumppmASTM D5185m2<16CalciumppmASTM D5185m557481520PhosphorusppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SolfurppmASTM D5185m20987SodiumppmASTM D5185m>20987SodiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONE<	Lead	ppm	ASTM D5185m	>50	8	7	4
AntimonyppmASTM D5185m0VanadiumppmASTM D5185m<100CadmiumppmASTM D5185m<100ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m232186206BariumppmASTM D5185m020MolybdenumppmASTM D5185m1<1<1MaganeseppmASTM D5185m2<16CalciumppmASTM D5185m195181195PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m20987SodiumppmASTM D5185m20987SodiumppmASTM D5185m20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONE <th>Copper</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>225</th> <th>20</th> <th>17</th> <th>14</th>	Copper	ppm	ASTM D5185m	>225	20	17	14
VanadiumppmASTM D5185m<1	Tin	ppm	ASTM D5185m	>10	6	5	3
CadmiumppmASTM D5185m<1	Antimony	ppm	ASTM D5185m				0
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m232186206BariumppmASTM D5185m020MolybdenumppmASTM D5185m1<1<1ManganeseppmASTM D5185m322MagnesiumppmASTM D5185m2<16CalciumppmASTM D5185m195181195PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20987SodiumppmASTM D5185m>20987SodiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESoldumscalar*VisualNONENONENONENONEDebrisscalar*Visual	Vanadium	ppm	ASTM D5185m		<1	0	0
BoronppmASTM D5185m232186206BariumppmASTM D5185m020MolybdenumppmASTM D5185m1<1<1ManganeseppmASTM D5185m2<16CalciumppmASTM D5185m2<16CalciumppmASTM D5185m195181195PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m20987SodiumppmASTM D5185m>20968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*Visual	Cadmium	ppm	ASTM D5185m		<1	0	0
BariumppmASTM D5185m020MolybdenumppmASTM D5185m1<1<1<1ManganeseppmASTM D5185m322MagnesiumppmASTM D5185m2<16CalciumppmASTM D5185m195181195PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m968PotassiumppmASTM D5185m>20987SodiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESold/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLNOR	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m1<1	Boron	ppm	ASTM D5185m		232	186	206
ManganeseppmASTM D5185m322MagnesiumppmASTM D5185m2<16CalciumppmASTM D5185m195181195PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m968PotassiumppmASTM D5185m968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLContractscalar*VisualNORMLNORMLNORMLNORML	Barium	ppm	ASTM D5185m		0	2	0
MagnesiumppmASTM D5185m2<1	Molybdenum	ppm	ASTM D5185m		1	<1	<1
CalciumppmASTM D5185m195181195PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20987SodiumppmASTM D5185m>20968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONEMODERYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Manganese	ppm	ASTM D5185m		3	2	2
PhosphorusppmASTM D5185m557481520ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20987SodiumppmASTM D5185m>20968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONEMODERYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLDefinitified Waterscalar*Visual>0.1NEGNEGNEG	Magnesium	ppm	ASTM D5185m		2	<1	6
ZincppmASTM D5185m768SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20987SodiumppmASTM D5185m>20968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Calcium	ppm	ASTM D5185m		195	181	195
SulfurppmASTM D5185m195816841471CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20987SodiumppmASTM D5185m968PotassiumppmASTM D5185m968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Phosphorus	ppm	ASTM D5185m		557	481	520
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20987SodiumppmASTM D5185m968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEMODERYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNONENONENONENONENORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGNEG	Zinc	ppm	ASTM D5185m		7	6	8
SiliconppmASTM D5185m>20987SodiumppmASTM D5185m968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Sulfur	ppm	ASTM D5185m		1958	1684	1471
SodiumppmASTM D5185m968PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEMODERYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	CONTAMINANTS		method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>20430VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONEMODERYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Silicon	ppm	ASTM D5185m	>20	9	8	7
VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEMODERYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Sodium	ppm	ASTM D5185m		9	6	8
White Metal scalar *Visual NONE NONE NONE MODER 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 Debris scalar *Visual NONE LIGHT NONE NONE 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 >0.1 NEG NEG NEG	Potassium	ppm	ASTM D5185m	>20	4	3	0
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	White Metal	scalar	*Visual	NONE	NONE	NONE	A MODER
Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONELIGHTNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG ERTNEREDRICH - AREG50BAL	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual	2	NEG	ERTNEREDRICI	H - ARESSOBAL



OIL ANALYSIS REPORT



FLUID PROPER	RTIES	method	limit/base	current	history1	histor
Visc @ 40°C	cSt	ASTM D445		25.9	25.7	25.9
SAMPLE IMAGE	ES	method	limit/base	current	history1	histor
Color				no image	no image	no imag
Bottom				no image	no image	no imag
GRAPHS						
Ferrous Alloys			1			
140 - chromium 120 - nickel		~	/			
80-		/				
60-	~					
40 20-1 M						
Dec27/17	Aug5/19	Jun 12/20 Jan 14,/22	Williaga			
Non-ferrous Met		Jun M: Jan				
20 18 copper			1			
16		1				
	. ,	\sim				
	\sim					
Mar31/17 Dec27/17 Oct6/18	61/SguA	Jun12/20 +				
Viscosity @ 40°C		Jun1 Ma Jan1				
40 Abnormal						
36						
34						
30-7	٨					
28-26-	ノレ					
Dec21/17	Aug5/19	Jun 12/20 Mar5/21 Jan 14,22				
5.7 5.9 75						



Report Id: AR3950BAL [WUSCAR] 06152415 (Generated: 04/18/2024 19:48:23) Rev: 1

Contact/Location: ALBERT FRIEDRICH - AR3950BAL

Page 2 of 2

F: