

OIL ANALYSIS REPORT

Sample Rating Trend







Sample Date Client Info 23 Jul 2023 14 Apr 2023 02 Jan 2 Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info 0 <t< th=""><th>SAMPLE INFORM</th><th>IATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>histo</th></t<>	SAMPLE INFORM	IATION	method	limit/base	current	history1	histo
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A Sample Status Imit/Date current history1 history1 WEAR METALS method Imit/Dase current history1 history1 Iron ppm ASTM D5185n >55 0 0 0 Nickel ppm ASTM D5185n >3 0 0 0 Silver ppm ASTM D5185n >3 0 0 0 Aluminum ppm ASTM D5185n >3 0 0 0 Copper ppm ASTM D5185n >3 0 0 0 0 Cadmium ppm ASTM D5185n >3 0 0 0 0 Copper ppm ASTM D5185n 0 1 0 0 0 <td< td=""><td>Sample Number</td><td></td><td>Client Info</td><td></td><th>USPM5905507</th><td>USPM28622</td><td>USPM26</td></td<>	Sample Number		Client Info		USPM5905507	USPM28622	USPM26
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status nethod imit/base current history1 history1 Iron ppm ASTM D5185m >90 2 <1	Sample Date		Client Info		23 Jul 2023	14 Apr 2023	02 Jan 2
Oil Changed Client Info N/A N/A N/A N/A Sample Status method Imit/base current Nistory1 Nistory1 WEAR METALS method Imit/base current Nistory1 Nistory1 Iron ppm ASTM D5185n >50 0 0 0 Chromium ppm ASTM D5185n >5 0 0 0 Nickel ppm ASTM D5185n >3 0 0 0 Silver ppm ASTM D5185n >7 0 0 0 Lead ppm ASTM D5185n >2 0 0 0 Cadmium ppm ASTM D5185n >9 0 0 0 Cadmium ppm ASTM D5185n 0 1 0 0 Cadmium ppm ASTM D5185n 0 0 <1	Machine Age	hrs	Client Info		0	0	0
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Auminum ppm ASTM D5185m >7 0 0 0 Copper ppm ASTM D5185m >7 0 0 0 Cadmium ppm ASTM D5185m >12 0 0 0 Cadmium ppm ASTM D5185m >12 0 0 0 Cadmium ppm ASTM D5185m >12 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 0 0 0	Oil Age	hrs	Client Info		0	0	0
WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >90 2 <1	Oil Changed		Client Info		N/A	N/A	N/A
Iron ppm ASTM D5185m >90 2 <1 0 Chromium ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Astm D5185m >3 0 0 0 0 0 Lead ppm ASTM D5185m >12 0 0 0 0 Vanadium ppm ASTM D5185m >9 0 0 0 0 Vanadium ppm ASTM D5185m >9 0 0 0 0 Vanadium ppm ASTM D5185m 0 1 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 0 Gradium ppm ASTM D5185m 0 0 <1	Sample Status				NORMAL	NORMAL	NORMA
Chromium ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Titanium ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Lead ppm ASTM D5185m >30 0 0 0 Copper ppm ASTM D5185m >30 0 0 0 Cadmium ppm ASTM D5185m >9 0 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 0 Boron ppm ASTM D5185m 0 1 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WEAR METALS		method	limit/base	current	history1	histo
Nickel ppm ASTM D5185m >5 0 0 0 Titanium ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >7 0 0 0 Lead ppm ASTM D5185m >30 0 0 0 Copper ppm ASTM D5185m >30 0 0 0 Yanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 0 1 0 0 Molybdenum ppm ASTM D5185m 0 0 1 0 0 Magnesium ppm ASTM D5185m 0 0	Iron	ppm	ASTM D5185m	>90	2	<1	0
Titanium ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >7 0 0 0 Lead ppm ASTM D5185m >12 0 0 0 Copper ppm ASTM D5185m >30 0 0 0 Tin ppm ASTM D5185m 9 0 0 0 Vanadium ppm ASTM D5185m 0 1 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 Boron ppm ASTM D5185m 0 -1 0 0 Barium ppm ASTM D5185m 0 -1 0 0 Galoium ppm ASTM D5185m 0 0 -1 0 Calcium ppm ASTM D5185m 0 0 0 0 0	Chromium	ppm	ASTM D5185m	>5	0	0	0
Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >7 0 0 0 Lead ppm ASTM D5185m >12 0 0 0 Copper ppm ASTM D5185m >30 0 0 0 Tin ppm ASTM D5185m >9 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 0 Boron ppm ASTM D5185m 0 1 0 0 0 Malganese ppm ASTM D5185m 0 0 <1	Nickel	ppm	ASTM D5185m	>5	0	0	0
Aluminum ppm ASTM D5185m >7 0 0 0 Lead ppm ASTM D5185m >12 0 0 0 Copper ppm ASTM D5185m >30 0 0 0 Tin ppm ASTM D5185m 9 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 Boron ppm ASTM D5185m 0 -1 0 0 Magnese ppm ASTM D5185m 0 0 -1 0 Magnesium ppm ASTM D5185m 0 0 -1 0 Calcium ppm ASTM D5185m 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 1 131 <td< td=""><td>Titanium</td><td>ppm</td><td>ASTM D5185m</td><td>>3</td><th>0</th><td>0</td><td>0</td></td<>	Titanium	ppm	ASTM D5185m	>3	0	0	0
Lead ppm ASTM D5185m >12 0 0 0 Copper ppm ASTM D5185m >30 0 0 0 0 Tin ppm ASTM D5185m >9 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 0 ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 0 1 0 0 Magnesium ppm ASTM D5185m 0 0 <1	Silver	ppm	ASTM D5185m	>3	0	0	0
Copper ppm ASTM D5185m >30 0 0 0 Tin ppm ASTM D5185m >9 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 1 0 0 ADDITIVES method limit/base current history1 histor Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 -<1	Aluminum	ppm	ASTM D5185m	>7	0	0	0
Tin ppm ASTM D5185m >9 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 -<1	Lead	ppm	ASTM D5185m	>12	0	0	0
Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 <1	Copper	ppm	ASTM D5185m	>30	0	0	0
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 histor Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 41 0 0 Molybdenum ppm ASTM D5185m 0 0 <1 0 0 Magnese ppm ASTM D5185m 0 0 <1 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 0 0 Collaium ppm ASTM D5185m 0 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 11 31 15 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >60 12 14 13 Sodium ppm	Tin	ppm	ASTM D5185m	>9	0	0	0
ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 <1	Vanadium	ppm	ASTM D5185m		0	0	0
Boron ppm ASTM D5185m 0 1 0 0 Barium ppm ASTM D5185m 0 <1	Cadmium		ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 <1 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 0 <1	ADDITIVES		method	limit/base	current	history1	histo
Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 0 <1	Boron	ppm	ASTM D5185m	0	1	0	0
Manganese ppm ASTM D5185m 0 <1 0 Magnesium ppm ASTM D5185m 0 0 <1	Barium	ppm	ASTM D5185m	0	<1	0	0
Magnesium ppm ASTM D5185m 0 0 <1 0 Calcium ppm ASTM D5185m 0 0 0 0 Phosphorus ppm ASTM D5185m 1800 1468 1592 1617 Zinc ppm ASTM D5185m 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 11 31 15 CONTAMINANTS method limit/base current history1 history1 Sodium ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >0 0 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D5185m >20 1 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 Particles >4µm ASTM D7647 >1300	Molybdenum	ppm	ASTM D5185m	0	0	0	0
Calcium ppm ASTM D5185m 0 0 0 0 0 Phosphorus ppm ASTM D5185m 1800 1468 1592 1617 Zinc ppm ASTM D5185m 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 11 31 15 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >60 0 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D5044 0.047 0.033 0.038 ppm Water ppm ASTM D7647 >5000 429 521 431 Particles >4µm ASTM D7647 >1300 129 204 89 Particles >14µm ASTM D7647 160 21	Manganese	ppm	ASTM D5185m		0	<1	0
Phosphorus ppm ASTM D5185m 1800 1468 1592 1617 Zinc ppm ASTM D5185m 0 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 111 31 15 CONTAMINANTS method limit/base current history1 history1 Solicon ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >20 1 0 0 Potassium ppm ASTM D6304 .1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >1µm ASTM D7647 30 <td>Magnesium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>0</td> <th>0</th> <td><1</td> <td>0</td>	Magnesium	ppm	ASTM D5185m	0	0	<1	0
Zinc ppm ASTM D5185m 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 11 31 15 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >0 0 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D6304 0.0477 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >21µm ASTM D7647 160 21 26	Calcium	ppm	ASTM D5185m	0	0	0	0
Zinc ppm ASTM D5185m 0 0 0 0 0 Sulfur ppm ASTM D5185m 0 11 31 15 CONTAMINANTS method limit/base current history1 histor Silicon ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >60 10 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D50304 0.0047 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 histor Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 30 0 0 <	Phosphorus	ppm	ASTM D5185m	1800	1468	1592	1617
Sulfur ppm ASTM D5185m 0 11 31 15 CONTAMINANTS method limit/base current history1 histor Silicon ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m >20 1 0 0 Potassium ppm ASTM D5185m >20 1 0.033 0.038 ppm Water % ASTM D6304 0.047 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 histor Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 >10 2 1 <td< td=""><td></td><td>ppm</td><td>ASTM D5185m</td><td>0</td><th>0</th><td>0</td><td>0</td></td<>		ppm	ASTM D5185m	0	0	0	0
Silicon ppm ASTM D5185m >60 12 14 13 Sodium ppm ASTM D5185m 0 0 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D6304 0.047 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 histor Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >14µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 >10 2 1 2 Particles >38µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14	Sulfur	ppm	ASTM D5185m	0	11	31	15
Sodium ppm ASTM D5185m 0 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D6304 0.0477 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >14µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 >10 2 1 2 Particles >38µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14 FLUID DEGRADATION method limit/base current history1 history1	CONTAMINANTS	;	method	limit/base	current	history1	histo
Sodium ppm ASTM D5185m 0 0 0 0 Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D6304 0.0477 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >6µm ASTM D7647 >160 21 26 12 Particles >14µm ASTM D7647 >10 2 1 2 Particles >38µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14 FLUID DEGRADATION method limit/base current history1 history1 </td <td>Silicon</td> <td>ppm</td> <td>ASTM D5185m</td> <td>>60</td> <th>12</th> <td>14</td> <td>13</td>	Silicon	ppm	ASTM D5185m	>60	12	14	13
Potassium ppm ASTM D5185m >20 1 0 0 Water % ASTM D6304 0.047 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >6µm ASTM D7647 >160 21 26 12 Particles >14µm ASTM D7647 >40 7 8 4 Particles >38µm ASTM D7647 >10 2 1 2 Particles >71µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14 FLUID DEGRADATION method limit/base current history1 history1	Sodium		ASTM D5185m		0	0	0
Water % ASTM D6304 0.047 0.033 0.038 ppm Water ppm ASTM D6304 >.1 479.8 338.1 385.1 FLUID CLEANLINESS method limit/base current history1 histor Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >6µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 >40 7 8 4 Particles >38µm ASTM D7647 >10 2 1 2 Particles >71µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14 FLUID DEGRADATION method limit/base current history1 history1	Potassium	ppm	ASTM D5185m	>20	1	0	0
FLUID CLEANLINESS method limit/base current history1 history1 Particles >4µm ASTM D7647 >5000 429 521 431 Particles >6µm ASTM D7647 >1300 129 204 89 Particles >6µm ASTM D7647 >160 21 26 12 Particles >14µm ASTM D7647 >40 7 8 4 Particles >21µm ASTM D7647 >40 7 8 4 Particles >38µm ASTM D7647 >10 2 1 2 Particles >71µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14/14 FLUID DEGRADATION method limit/base current history1 history1	Water		ASTM D6304		0.047	0.033	0.038
Particles >4μm ASTM D7647 >5000 429 521 431 Particles >6μm ASTM D7647 >1300 129 204 89 Particles >14μm ASTM D7647 >160 21 26 12 Particles >21μm ASTM D7647 >40 7 8 4 Particles >21μm ASTM D7647 >10 2 1 2 Particles >38μm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14/14 FLUID DEGRADATION method limit/base current history1 history1	ppm Water	ppm	ASTM D6304	>.1	479.8	338.1	385.1
Particles >6µm ASTM D7647 >1300 129 204 89 Particles >14µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 >40 7 8 4 Particles >38µm ASTM D7647 >10 2 1 2 Particles >38µm ASTM D7647 >10 2 1 2 Particles >71µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14/14 FLUID DEGRADATION method limit/base current history1 history1	FLUID CLEANLIN	IESS	method	limit/base	current	history1	histo
Particles >14µm ASTM D7647 >160 21 26 12 Particles >21µm ASTM D7647 >40 7 8 4 Particles >38µm ASTM D7647 >10 2 1 2 Particles >38µm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14 FLUID DEGRADATION method limit/base current history1 history1	Particles >4µm		ASTM D7647	>5000	429	521	431
Particles >21μm ASTM D7647 >40 7 8 4 Particles >38μm ASTM D7647 >10 2 1 2 Particles >38μm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14/14 FLUID DEGRADATION method limit/base current history1 history1	Particles >6µm		ASTM D7647	>1300	129	204	89
Particles >38μm ASTM D7647 >10 2 1 2 Particles >71μm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14/14 FLUID DEGRADATION method limit/base current history1 history1	Particles >14µm		ASTM D7647	>160	21	26	12
Particles >38μm ASTM D7647 >10 2 1 2 Particles >71μm ASTM D7647 >3 0 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14/14 FLUID DEGRADATION method limit/base current history1 history1	Particles >21µm		ASTM D7647	>40	7	8	4
Oil Cleanliness ISO 4406 (c) >19/17/14 16/14/12 16/15/12 16/14 FLUID DEGRADATION method limit/base current history1 history1	Particles >38µm		ASTM D7647	>10	2	1	2
FLUID DEGRADATION method limit/base current history1 histo			ASTM D7647	>3	0	0	1
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/12	16/15/12	16/14
Acid Number (AN) mg KOH/g ASTM D8045 0.05 0.14 0.10 0.11	FLUID DEGRADA	TION	method	limit/base	current	history1	histo
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.05	0.14	0.10	0.11

VAC FLEX 3 (S/N F13093U96127) Component

Pump Fluid

USPI VAC 100 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

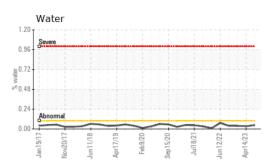
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

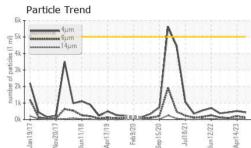
Fluid Condition

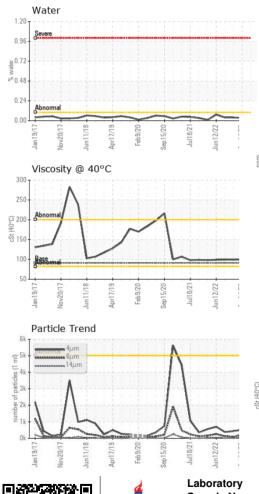
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



OIL ANALYSIS REPORT

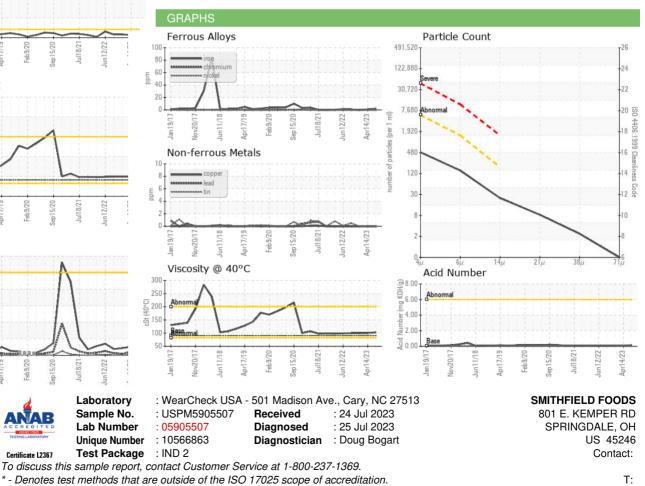






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual		NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	91	103	99.5	99.4
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				Ren s Bren s Bre		

Bottom



* - 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)

Contact/Location: ? ? - SMISPRIOHI

F: