

OIL ANALYSIS REPORT

Sample Rating Trend



KAESER SFC 30 6328329 (S/N 1004)

Compressor

KAESER SIGMA (OEM) S-460 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

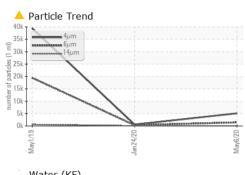
Fluid Condition

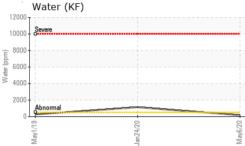
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

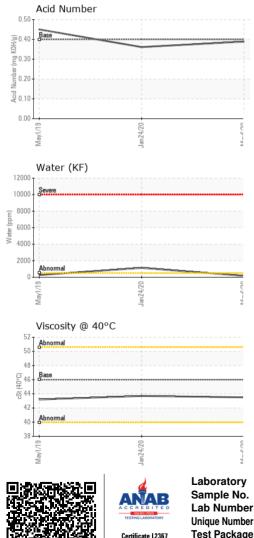
SAMPLE INFORMATION method linit/base current history1 history2 Sample Number Client Info KC83622 KC66785 KC74853 Sample Date Client Info 6288 6030 1520 Oil Age hrs Client Info 528 4410 1520 Oil Age hrs Client Info 528 4410 1520 Oil Changed Client Info 528 4410 1520 Sample Status Imit/base current Natornal ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185m >10 0 0 0 Titanium ppm ASTM 05185m >10 0 0 0 Copper ppm ASTM 05185m >10 0 0 0 Aluminum ppm ASTM 05185m >10 0 0 0 Cadmium ppm ASTM 05185m			Ma	y2019	Jan2020 May20	120	
Sample Date Client Info 66 May 2020 24 Jan 2020 01 May 2019 Machine Age hrs Client Info 5288 6030 1620 Oil Age hrs Client Info 252 4410 1620 Oil Changed Client Info Not Changed Changed ABNORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM 05155m >50 0 0 <1 Chromium ppm ASTM 05155m >3 0 <1 0 Nickel ppm ASTM 05155m >3 0 <1 0 Aluminum ppm ASTM 05155m >10 0 0 <1 Aluminum ppm ASTM 05155m >10 0 0 <1 Antimony ppm ASTM 05155m 10 0 0 <1 Adminum ppm ASTM 05155m 10 0 0 <1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 528 6030 1620 Oil Age hrs Client Info 252 4410 1620 Oil Age Client Info Not Changed ABNORMAL ABNORMAL Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185n >50 0 0 <1 Chromium ppm ASTM D5185n >30 0 0 0 Nickel ppm ASTM D5185n >3 0 0 0 Silver ppm ASTM D5185n >3 0 0 0 Lead ppm ASTM D5185n >10 0 0 0 Copper ppm ASTM D5185n 0 0 0 0 Cadmium ppm ASTM D5185n 0 0 0 0 Cadmium ppm ASTM D5185n 0 0 0 0 Cadmiu	Sample Number		Client Info		KC83622	KC66785	KC74853
Oil Age hrs Client Info 252 4410 1620 Oil Changed Client Info Not Changed Changed Changed Sample Status method limit/base current history1 history2 Iron ppm ASTM 05185m >50 0 0 <1 Chromium ppm ASTM 05185m >3 0 <1 0 Nickel ppm ASTM 05185m >3 0 0 0 Aluminum ppm ASTM 05185m >10 0 0 0 Copper ppm ASTM 05185m >10 0 0 0 Tin ppm ASTM 05185m >10 0 0 0 Addium ppm ASTM 05185m >10 0 0 0 Cadmium ppm ASTM 05185m 0 0 0 0 Cadmium ppm ASTM 05185m 0 0 0 0	Sample Date		Client Info		06 May 2020	24 Jan 2020	01 May 2019
Oil Changed Sample Status Client Info Not Changed ATTENTION Changed ABNORMAL Changed ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 0 <1 Ohromium ppm ASTM D5185m >33 0 <1 0 Nickel ppm ASTM D5185m >33 0 <1 0 Nickel ppm ASTM D5185m >33 0 <1 0 Nottenum ppm ASTM D5185m >33 0 <1 0 Aluminum ppm ASTM D5185m >10 0 0 0 Lead ppm ASTM D5185m >10 0 0 0 Antimony ppm ASTM D5185m 10 0 0 0 Antimony ppm ASTM D5185m 0 0 0 0 Antimony ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Barlum ppm ASTM D5185m 2 2 0 2 Barlum ppm <	Machine Age	hrs	Client Info		6288	6030	1620
Sample Status ATTENTION ABNORMAL ABNORMAL ABNORMAL WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185n >50 0 0 <1 Chromium ppm ASTM D5185n >30 0 0 0 Nickel ppm ASTM D5185n >33 0 0 0 Silver ppm ASTM D5185n >30 0 0 0 Lead ppm ASTM D5185n >10 <1 <1 0 Copper ppm ASTM D5185n >10 0 0 0 Cadmium ppm ASTM D5185n 0 0 0 0 Cadmium ppm ASTM D5185n 0 0 0 0 Cadmium ppm ASTM D5185n 0 0 0 0 Cadmium ppm ASTM D5185n 2 2 2 2 <	Oil Age	hrs	Client Info		252	4410	1620
WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185m >50 0 0 <1 Chromium ppm ASTM D5185m >33 0 0 0 Nickel ppm ASTM D5185m >33 0 0 0 Silver ppm ASTM D5185m >33 0 0 0 Auminum ppm ASTM D5185m >30 0 0 0 Lead ppm ASTM D5185m >10 <1 <1 0 0 Antimony ppm ASTM D5185m >10 0 0 0 0 Antimony ppm ASTM D5185m 0 0 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 0 0 0 0 <td< th=""><th>Oil Changed</th><th></th><th>Client Info</th><th></th><th>Not Changd</th><th>Changed</th><th>Changed</th></td<>	Oil Changed		Client Info		Not Changd	Changed	Changed
Iron ppm ASTM D5185m >50 0 0 <11	Sample Status				ATTENTION	ABNORMAL	ABNORMAL
Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >3 0 <1 0 Silver ppm ASTM D5185m >2 0 0 <1 Silver ppm ASTM D5185m >10 <1 <1 0 Lead ppm ASTM D5185m >10 0 0 <1 Lead ppm ASTM D5185m >10 0 0 <1 Antimony ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Antimony ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 69 0 50 Cadium ppm ASTM D5185m 2 2 2 2	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m >3 0 <1	Iron	ppm	ASTM D5185m	>50	0	0	<1
Titanium ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >2 0 0 <1 Aluminum ppm ASTM D5185m >10 0 0 0 0 Lead ppm ASTM D5185m >10 0 0 0 0 Copper ppm ASTM D5185m >10 0 0 <1 Antimony ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 2 2 0 2 Molybedenum ppm ASTM D5185m 2 1	Chromium	ppm	ASTM D5185m	>10	0	0	0
Silver ppm ASTM D5185m >2 0 0 <1	Nickel	ppm	ASTM D5185m	>3	0	<1	0
Aluminum ppm ASTM D5185m >10 <1	Titanium	ppm	ASTM D5185m	>3	0	0	0
Lead ppm ASTM D5185m >10 0 0 0 Copper ppm ASTM D5185m >50 4 9 1 Tin ppm ASTM D5185m >10 0 0 <1 Antimony ppm ASTM D5185m 0 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITVES method limit/base current history1 history2 Boron ppm ASTM D5185m <1 0 0 0 Magnese ppm ASTM D5185m 0 0 0 1 Magnesium ppm ASTM D5185m 2 2 0 2 Phosphorus ppm ASTM D5185m 2 2 0 2 Silicon ppm ASTM D5185m 2 1 0 9	Silver	ppm	ASTM D5185m	>2	0	0	<1
Copper ppm ASTM D5185m >50 4 9 1 Tin ppm ASTM D5185m >10 0 0 <1 Antimony ppm ASTM D5185m 0 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITVES method limit/base current history1 history2 Boron ppm ASTM D5185m 90 41 0 26 Molybdenum ppm ASTM D5185m 90 69 0 50 Calcium ppm ASTM D5185m 2 2 0 2 Phosphorus ppm ASTM D5185m 2 2 0 2 Zinc ppm ASTM D5185m 2 1 3 0 Sodium ppm ASTM D5185m 20 7 0 2	Aluminum	ppm	ASTM D5185m	>10	<1	<1	0
Tin ppm ASTM D5185m >10 0 0 <11	Lead	ppm	ASTM D5185m	>10	0	0	0
Antimony ppm ASTM D5185m 0 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 history2 Boron ppm ASTM D5185m <1 0 0 Barium ppm ASTM D5185m <1 0 0 Magnanese ppm ASTM D5185m 0 0 0 Magnaese ppm ASTM D5185m 2 2 0 2 Magnaese ppm ASTM D5185m 2 2 2 2 Calcium ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >20 7 0 2 Vater % <th>Copper</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>50</th> <th>4</th> <th>9</th> <th>1</th>	Copper	ppm	ASTM D5185m	>50	4	9	1
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 90 41 0 0 Barium ppm ASTM D5185m 90 41 0 26 Molyddenum ppm ASTM D5185m 90 69 0 0 Magnesium ppm ASTM D5185m 90 69 0 50 Calcium ppm ASTM D5185m 21 2 0 2 Instory1 MSTM D5185m 21 0 2 2 2 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 20 7 0 2 Sodium ppm ASTM D5185m 20 7 0 2	Tin	ppm	ASTM D5185m	>10	0	0	<1
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m <1	Antimony	ppm	ASTM D5185m		0	0	0
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m <1 0 0 Barium ppm ASTM D5185m 90 41 0 26 Molybdenum ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m <1 0 <1 0 26 Magnesium ppm ASTM D5185m <1 0 <1 0 <1 Magnesium ppm ASTM D5185m 2 2 0 2	Vanadium	ppm	ASTM D5185m		0	0	0
Boron ppm ASTM D5185m <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 90 41 0 26 Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m < <1 0 <1 Magnesium ppm ASTM D5185m 90 69 0 50 Calcium ppm ASTM D5185m 2 2 0 2 Phosphorus ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m 2 2 2 2 Silicon ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >20 7 0 2 Water % ASTM D6304 >0.05 0.017 0.113 0.027 ppm ASTM D6304 >500 170.2 1130 270 Particles >4µm ASTM D7647 >1300 1452 321 19440 P	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 90 69 0 50 Calcium ppm ASTM D5185m 90 69 0 2 Phosphorus ppm ASTM D5185m 2 2 0 2 Zinc ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m 2 2 2 2 Silicon ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >20 7 0 2 Water % ASTM D5185m >20 7 0.113 0.027 ppm Water ppm ASTM D6304 >0.05 0.017 11300 270 Particles >4µm ASTM D7647 >1300 1452 321 19440 <	Boron	ppm	ASTM D5185m		<1	0	0
Manganese ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m	90	41	0	26
Magnesium ppm ASTM D5185m 90 69 0 50 Calcium ppm ASTM D5185m 2 2 0 2 Phosphorus ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m 2 2 2 2 Silicon ppm ASTM D5185m 7 0 26 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 7 0 2 Sodium ppm ASTM D5185m >20 7 0 2 Water % ASTM D6304 >0.05 0.017 0.113 0.027 ppm Water ppm ASTM D7647 >1300 1452 321 19440 Particles >4µm ASTM D7647 >1300 1452 321 19440<	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium ppm ASTM D5185m 2 2 0 2 Phosphorus ppm ASTM D5185m 2 2 2 2 Zinc ppm ASTM D5185m 2 2 2 2 2 Zinc ppm ASTM D5185m 2 7 0 26 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >20 7 0 2 Water % ASTM D6304 >0.05 0.017 △ 0.113 0.027 ppm ASTM D6304 >500 170.2 △ 1130 270 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >14µm ASTM D7647 >80 40 54 609 39463 Particles >21µm<	Manganese	ppm	ASTM D5185m		<1	0	<1
Phosphorus ppm ASTM D5185m 2 2 2 Zinc ppm ASTM D5185m 7 0 26 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Magnesium	ppm	ASTM D5185m	90	69	0	50
Zinc ppm ASTM D5185m 7 0 26 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >20 7 0 2 Water % ASTM D6304 >0.05 0.017 ▲ 0.113 0.027 ppm Water ppm ASTM D6304 >500 170.2 ▲ 1130 270 Particles >4µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >6µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >14µm ASTM D7647 >20 8 18 11 Particles >21µm ASTM D7647 >20 8 18 11 Particles >38µm ASTM D7647 >3 0 0 0 0	Calcium	ppm	ASTM D5185m	2	2	0	2
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 3 0 Sodium ppm ASTM D5185m >20 7 0 2 Water % ASTM D5185m >20 7 0.113 0.027 ppm Water ppm ASTM D6304 >0.05 0.017 11300 270 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 5105 589 39463 Particles >6µm ASTM D7647 >1300 1452 321 19440 Particles >6µm ASTM D7647 >20 8 18 11 Particles >14µm ASTM D7647 >20 8 18 11 Particles >38µm ASTM D7647 >3 0 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16	Phosphorus	ppm	ASTM D5185m		2	2	2
Silicon ppm ASTM D5185m >25 <1	Zinc	ppm	ASTM D5185m		7	0	26
Sodium ppm ASTM D5185m 11 0 9 Potassium ppm ASTM D5185m >20 7 0 2 Water % ASTM D6304 >0.05 0.017 ▲ 0.113 0.027 ppm Water ppm ASTM D6304 >500 170.2 ▲ 1130 270 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 5105 589 39463 Particles >6µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >6µm ASTM D7647 >80 40 54 609 Particles >14µm ASTM D7647 >20 8 18 11 Particles >38µm ASTM D7647 >4 0 2 1 Particles >71µm ASTM D7647 >3 0 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16	CONTAMINANTS	3	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 7 0 2 Water % ASTM D6304 >0.05 0.017 ▲ 0.113 0.027 ppm Water ppm ASTM D6304 >500 170.2 ▲ 1130 270 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 5105 589 39463 Particles >6µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >6µm ASTM D7647 >80 40 54 609 Particles >14µm ASTM D7647 >20 8 18 11 Particles >38µm ASTM D7647 >4 0 2 1 Particles >71µm ASTM D7647 >3 0 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16 FLUID DEGRADATION method limit/base current history1 history2 </th <th>Silicon</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>25</th> <th><1</th> <th>3</th> <th>0</th>	Silicon	ppm	ASTM D5185m	>25	<1	3	0
Water % ASTM D6304 >0.05 0.017 ▲ 0.113 0.027 ppm Water ppm ASTM D6304 >500 170.2 ▲ 1130 270 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 5105 589 39463 Particles >6µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >6µm ASTM D7647 >80 40 54 609 609 Particles >21µm ASTM D7647 >20 8 18 11 Particles >38µm ASTM D7647 >4 0 2 1 Particles >71µm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16 FLUID DEGRADATION method limit/base current history1 history2	Sodium	ppm	ASTM D5185m		11	0	9
ppm Water ppm ASTM D6304 >500 170.2 ▲ 1130 270 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 5105 589 39463 Particles >6µm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >6µm ASTM D7647 >80 40 54 609 Particles >14µm ASTM D7647 >20 8 18 11 Particles >21µm ASTM D7647 >4 0 2 1 Particles >38µm ASTM D7647 >3 0 0 0 Oli Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16 FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	7	0	2
FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647510558939463Particles >6µmASTM D7647>1300145232119440Particles >14µmASTM D7647>804054609Particles >21µmASTM D7647>2081811Particles >38µmASTM D7647>4021Particles >71µmASTM D7647>3000Oil CleanlinessISO 4406 (c)>/17/1318/1216/1321/16FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Water	%	ASTM D6304	>0.05	0.017	0 .113	0.027
Particles >4μm ASTM D7647 5105 589 39463 Particles >6μm ASTM D7647 >1300 ▲ 1452 321 ▲ 19440 Particles >14μm ASTM D7647 >80 40 54 ▲ 609 Particles >21μm ASTM D7647 >20 8 18 11 Particles >21μm ASTM D7647 >4 0 2 1 Particles >38μm ASTM D7647 >4 0 2 1 Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 18/12 16/13 ▲ 21/16 FLUID DEGRADATION method limit/base current history1 history2	ppm Water	ppm	ASTM D6304	>500	170.2	1 130	270
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Particles >14μm ASTM D7647 >80 40 54 609 Particles >21μm ASTM D7647 >20 8 18 11 Particles >38μm ASTM D7647 >4 0 2 1 Particles >38μm ASTM D7647 >3 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 18/12 16/13 ▲ 21/16 FLUID DEGRADATION method limit/base current history1 history2	Particles >4µm				5105	589	39463
Particles >21μm ASTM D7647 >20 8 18 11 Particles >38μm ASTM D7647 >4 0 2 1 Particles >37μm ASTM D7647 >3 0 0 0 Oll Cleanliness ISO 4406 (c) >/17/13 ▲ 18/12 16/13 ▲ 21/16 FLUID DEGRADATION method limit/base current history1 history2	Particles >6µm		ASTM D7647	>1300	1452	321	19440
Particles >38μm ASTM D7647 >4 0 2 1 Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16 FLUID DEGRADATION method limit/base current history1 history2	Particles >14µm		ASTM D7647	>80	40	54	6 09
Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 18/12 16/13 21/16 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>20	8	18	11
Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 18/12 16/13 ▲ 21/16 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm						1
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>/17/13	18/12	16/13	2 1/16
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.389 0.361 0.450	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.389	0.361	0.450



OIL ANALYSIS REPORT







VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
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	VLITE	LIGHT	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	>0.05	NEG	0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	43.5	43.7	43.2
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color						
Bottom						

A Particle Count Ferrous Alloys 491 520 122,880 nicke 30,720 7,680 20 8 Mav6/20 1406 Mav1 (per 1 1,920 Non-ferrous Metals 480 10 120 30 an24/20 Mav1 Viscosity @ 40°C Acid Number 55 (B) 0.50 HOX 0.40 50 (D=0+) 45 Ē 0.30 Ba ළි 0.20 ŝ Abnorma 40 Jan 0.10 0.00 P 35 Jan24/20 Mav6/20 Jan24/20 Mav1/19 Mav1 : WearCheck USA - 501 Madison Ave., Cary, NC 27513 DUPONT : KC83622 Received 6200 HILLCREST : 12 May 2020 Lab Number : 04975333 VALLEY VIEW, OH Tested : 13 May 2020 Diagnosed Unique Number : 9025475 : 13 May 2020 - Jonathan Hester US 44125 Test Package : IND 2 Contact: 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)

T: F:

Contact/Location: ? ? - DUPVAL