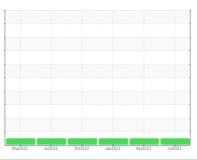


OIL ANALYSIS REPORT

SULLUBE 32 **SULLAIR 11261 - TEXTRON PAWNEE (S/N 003-112884)**

Compressor



Sample Rating Trend



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

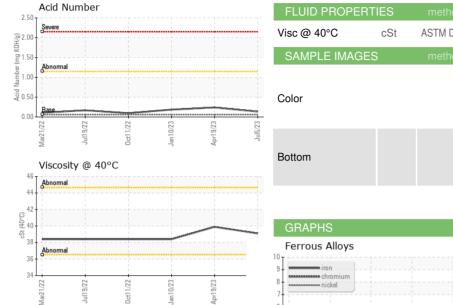
Fluid Condition

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

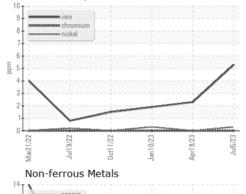
Client Info			Mar2022	Jul2022 Oct2022	Jan2023 Apr2023	Jui2023	
Client Info	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 64756 22041 21613	Sample Number		Client Info		UCH05929690	UCH05865759	UCH05745306
Dil Age	Sample Date		Client Info		05 Jul 2023	19 Apr 2023	10 Jan 2023
Oil Age hrs Client Info Not Changd Not Changd Not Changd Nort Ch		hrs	Client Info		64756		21613
Oil Changed Client Info Not Changd Not Changd NORMAL NORMAL		hrs	Client Info		0	0	0
NORMAL NORMAL NORMAL NORMAL WEAR METALS method limit/base current history1 history2 history2 limit/base current history1 histo	-		Client Info		Not Changd	Not Changd	Not Changd
Irron	Sample Status					_	
Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m <1 0 <1 Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >25 <1 <1 0 Lead ppm ASTM D5185m >50 6 5 6 5 Tin ppm ASTM D5185m 50 6 5 6 5 6 6 7 6 6 5 6 6 7 1	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>50	5	2	2
Titanium	Chromium	ppm	ASTM D5185m	>10	0	0	0
Silver	Nickel	ppm	ASTM D5185m		<1	0	<1
Alluminum	Titanium	ppm	ASTM D5185m		0	0	0
Lead	Silver	ppm	ASTM D5185m		0	0	0
Copper ppm ASTM D5185m >50 6 5 6 Tin ppm ASTM D5185m >15 <1 1 1 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 1 2 5 2 Phosphorus ppm ASTM D5185m 1 2 5 2 Phosphorus ppm ASTM D5185m 3 2 5 2 Sulfur ppm ASTM D5185m 3 2 5 2	Aluminum	ppm	ASTM D5185m	>25	<1	<1	0
Copper ppm ASTM D5185m >50 6 5 6 Tin ppm ASTM D5185m >15 <1 1 1 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 <1 0 0 Magnesium ppm ASTM D5185m 1 2 5 2 2 Magnesium ppm ASTM D5185m 1 2 5 2 2 Magnesium ppm ASTM D5185m 1 2 5 2 2 Phosphorus ppm ASTM D5185m 3	Lead		ASTM D5185m	>25	<1	0	<1
Tin	Copper		ASTM D5185m	>50	6	5	6
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 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 <1					<1		
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 745 730 749 816 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 <1 0 0 Magnesium ppm ASTM D5185m 1 2 5 2 Phosphorus ppm ASTM D5185m 3 2 5 2 Phosphorus ppm ASTM D5185m 3 2 5 2 Zinc ppm ASTM D5185m 3 2 5 2 Zinc ppm ASTM D5185m 3333 353 413 CONTAMINANTS method limit/base current history1 history2 <th>Vanadium</th> <th></th> <th>ASTM D5185m</th> <th></th> <th></th> <th>0</th> <th>0</th>	Vanadium		ASTM D5185m			0	0
ADDITIVES					0		
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Barium				ilmit/base		,	,
Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 0 <1	Boron						
Manganese ppm ASTM D5185m 0 <1		ppm		745			
Magnesium ppm ASTM D5185m 1 4 <1	Molybdenum						
Calcium ppm ASTM D5185m 1 2 5 2 Phosphorus ppm ASTM D5185m 3 2 5 20 Zinc ppm ASTM D5185m 10 27 13 Sulfur ppm ASTM D5185m 333 353 413 CONTAMINANTS method limit/base current history1 history2 Sodium ppm ASTM D5185m >25 0 1 2 Sodium ppm ASTM D5185m >20 2 2 2 FLUID DEGRADATION method limit/base current history1 history2 ASTM D5185m	Manganese	ppm			-		-
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Sodium ppm ASTM D5185m 34 18 17 Potassium ppm ASTM D5185m >20 2 2 2 FLUID DEGRADATION method limit/base current history1 history2 AstM D8045 0.06 0.135 0.24 0.186 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE LIGHT 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 NORML NORML NORML NORML Appearance scalar *V	CONTAMINANTS	3	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 2 2 2 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 0.06 0.135 0.24 0.186 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE LIGHT NONE NONE NONE 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 NONE NONE NONE NONE Appearance scalar *Visual NONE NONE NONE NONE NONE Appearance scalar *Visual NONE 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	Silicon	ppm	ASTM D5185m	>25	0	1	2
FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 0.06 0.135 0.24 0.186 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE LIGHT 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 Debris scalar *Visual NONE NONE NONE NONE Appearance 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	Sodium	ppm	ASTM D5185m		34	18	17
Acid Number (AN) mg KOH/g ASTM D8045 0.06 0.135 0.24 0.186 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE LIGHT NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE LIGHT Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance 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	Potassium	ppm	ASTM D5185m	>20	2	2	2
White Metal scalar *Visual NONE LIGHT 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 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	FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
White Metal scalar *Visual NONE LIGHT 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 LIGHT Sand/Dirt scalar *Visual NONE 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	Acid Number (AN)	mg KOH/g	ASTM D8045	0.06	0.135	0.24	0.186
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONELIGHTSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE LIGHT 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	White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE LIGHT 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	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONELIGHTSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
Odor scalar *Visual NORML NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Odor scalar *Visual NORML NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG	Appearance		*Visual	NORML		NORML	NORML
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	• •			NORML			
	Emulsified Water						
	Free Water	scalar	*Visual		NEG	NEG	NEG

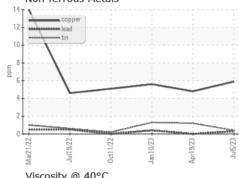


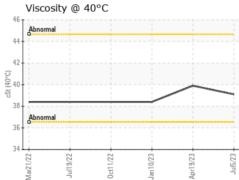
OIL ANALYSIS REPORT

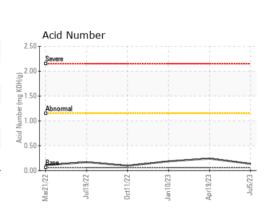
















Certificate L2367

Laboratory Sample No. Lab Number Test Package : IND 2

Unique Number : 10609637

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH05929690 : 05929690

Received Diagnosed

: 21 Aug 2023 : 23 Aug 2023

Diagnostician : Don Baldridge

806 E BOSTON ST WICHITA, KS US 67211

Contact: MIKAYLA STOUT mstout@aircapeq.com

AIR CAPITAL EQUIPMENT INC

T: (316)522-1111

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)

F: