

OIL ANALYSIS REPORT

Sample Rating Trend



Area SULLUBE SULLAIR US0122110039 Component Compressor

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.

Fluid Condition

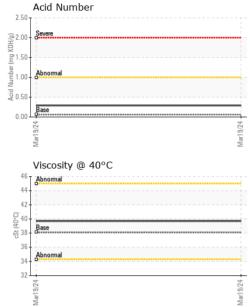
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	/IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06147449		
Sample Date		Client Info		19 Mar 2024		
Machine Age	hrs	Client Info		2615		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	745	567		
Molybdenum	ppm	ASTM D5185m	0.0	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	0.0	<1		
Calcium	ppm	ASTM D5185m	1	4		
Phosphorus	ppm	ASTM D5185m	3	0		
Zinc	ppm	ASTM D5185m	0.1	<1		
Sulfur	ppm	ASTM D5185m	240	370		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	3		
Sodium	ppm	ASTM D5185m		38		
Potassium	ppm	ASTM D5185m	>20	4		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	0.29		



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VISUAL



	White Metal Yellow Metal	scalar scalar	*Visual *Visual	NONE NONE	NONE NONE		
	Precipitate	scalar	*Visual	NONE	NONE		
-	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	LIGHT		
4	Sand/Dirt	scalar	*Visual	NONE	NONE		
9/24	Appearance	scalar	*Visual	NORML	NORML		
Mar1 9/24	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPER1	ΓIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	38.1	39.7		
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Mar19/24	Color					no image	no image
	Bottom					no image	no image
	Non-ferrous Metal	ls		Mar19/24 Ample (m) Mar19/24 Ma	Acid Number		
aboratory ample No. ab Number nique Number est Package	: 10977527	P2/6 Jae W	CISCO AIR SYSTEMS 214 27TH S SACRAMENTO, C/ US 95810 Contact: BARRY FRKOVICH barryfrkovich@ciscoair.com T: (916)444-2529				

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