

OIL ANALYSIS REPORT

Area **NOT GIVEN** Machime Id QUINCY T54669U130109 - CLEAN HARBORS SAFETY CLEAN Component

Recommendation

Resample at the next service interval to monitor.

Wear

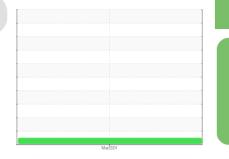
All component wear rates are normal.

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 Rating Trend

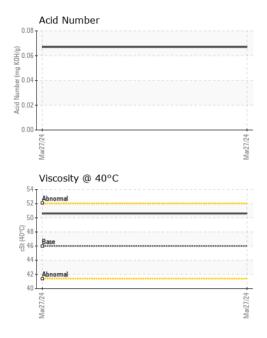


NORMAL

SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06157803		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		0		
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	>0.8	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	880		
Molybdenum	ppm	ASTM D5185m	10	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	5	<1		
Calcium	ppm	ASTM D5185m	10	<1		
Phosphorus	ppm	ASTM D5185m	250	7		
Zinc	ppm	ASTM D5185m	100	0		
Sulfur	ppm	ASTM D5185m	400	262		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.067		



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	LIGHT		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.8	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
√isc @ 40°C	cSt	ASTM D445	46	50.6		
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color				•	no image	no image
Bottom					no image	no image
Non-ferrous Metals	5		Mar27/24 9000 Acid Number 9000 Acid Numb	Acid Number		
Base			10.04 10.04 10.02			
Abnormal			0.00	L		
Mar27/24			Mar27/24	Mar27/24		
/earCheck USA - 501 CH06157803 5157803 0993226 ID 2 ntact Customer Servi outside of the ISO 13	CISCO AIR SYSTEM 214 27TH S SACRAMENTO, C. US 9581 Contact: BARRY FRKOVICI barryfrkovich@ciscoair.cor T: (916)444-252 6:2012)					

To discuss this sample report, co * - 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)

Certificate L2367

Laboratory Sample No. Lab Number **Unique Number Test Package**

Contact/Location: BARRY FRKOVICH - UCCISSAC

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