

OIL ANALYSIS REPORT

Area COOLING TOWER PUMP MOTORS P-751-LOWER

Component Bearing Fluid MOBIL SHC 626 (2 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

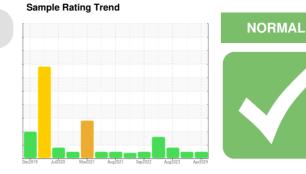
All component wear rates are normal.

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.



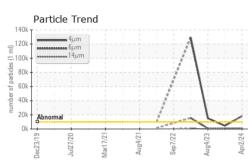
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		WC0919963	WC0866660	WC0844693	
Sample Date		Client Info		02 Apr 2024	11 Oct 2023	04 Aug 2023	
Machine Age	mths	Client Info		36	6	36	
Oil Age	mths	Client Info		0	4	2	
Oil Changed		Client Info		N/A	Oil Added	Not Changd	
Sample Status				NORMAL	NORMAL	ATTENTION	
CONTAMINATIO	N	method	limit/base	current	history1	history2	
Water	IN	WC Method	>2	NEG	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>20	8	5	8	
Chromium	ppm	ASTM D5185m	>20	<1	0	0	
Nickel	ppm	ASTM D5185m	>20	0	0	0	
Titanium	ppm	ASTM D5185m	>20	۰ <1	0	0	
Silver		ASTM D5185m		0	0	0	
	ppm		. 20	2	0	<1	
Aluminum	ppm	ASTM D5185m			0	< 1	
Lead	ppm	ASTM D5185m	>20	0			
Copper	ppm	ASTM D5185m	>20	1	<1	2	
Tin	ppm	ASTM D5185m	>20	<1		0	
Vanadium	ppm	ASTM D5185m		0	0	<1	
Cadmium	ppm	ASTM D5185m		0	0	0	
ADDITIVES		method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		0	0	0	
Barium	ppm	ASTM D5185m		0	0	0	
Molybdenum	ppm	ASTM D5185m		0	0	0	
Manganese	ppm	ASTM D5185m		0	0	0	
Magnesium	ppm	ASTM D5185m		<1	0	<1	
Calcium	ppm	ASTM D5185m		4	0	<1	
Phosphorus	ppm	ASTM D5185m		439	521	562	
Zinc	ppm	ASTM D5185m		36	41	62	
Sulfur	ppm	ASTM D5185m		121	235	281	
CONTAMINANTS	5	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>15	<1	2	0	
Sodium	ppm	ASTM D5185m		<1	1	1	
Potassium	ppm	ASTM D5185m	>20	1	0	0	
FLUID CLEANLI	NESS	method	limit/base	current	history1	history2	
Particles >4µm		ASTM D7647	>10000	18210	4511	15065	
Particles >6µm		ASTM D7647	>2500	767	745	796	
Particles >14µm		ASTM D7647	>160	26	53	11	
Particles >21µm		ASTM D7647		5	10	3	
Particles >38µm		ASTM D7647	>10	0	0	1	
Particles >71µm		ASTM D7647		0	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/14	21/17/12	19/17/13	21/17/11	
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.42	0.40	0.46	
:02:05) Rev: 1				Submitted By: GAVIN KRUEGER			

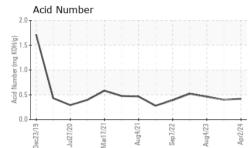
Report Id: POEGRO [WUSCAR] 06138514 (Generated: 04/06/2024 12:02:05) Rev: 1

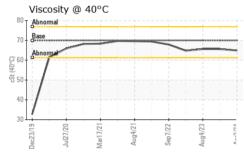
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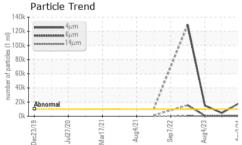


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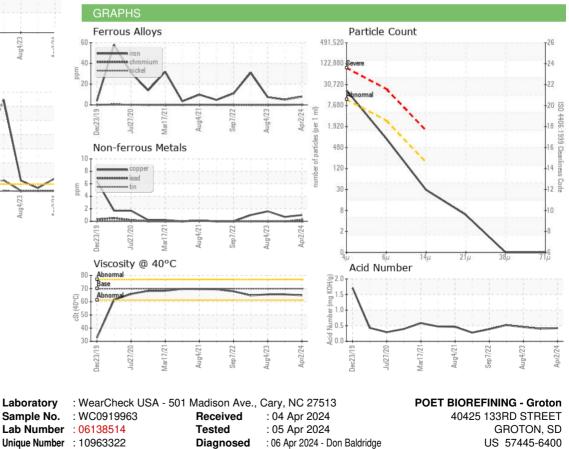








VISUAL		method	limit/base	current	history1	history2
		method			· · · · · ·	· · · · ·
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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	>2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT		and a the state	l'and to de la comp			
	IES	mernoa	iimii/base	current	historv1	history2
Visc @ 40°C	cSt	method ASTM D445	limit/base 69.9	current 64.9	history1 65.6	history2 65.6
	cSt				· · · · · ·	
Visc @ 40°C	cSt	ASTM D445	69.9	64.9	65.6	65.6



Unique Number : 10963322 Certificate 12367 Test Package : IND 2 (Ad

Test Package : IND 2 (Additional Tests: PrtCount)

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)

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Submitted By: GAVIN KRUEGER

Contact: GAVIN KRUEGER

Gavin.Krueger@POET.COM

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T: 6(05)846-6863

F: (605)397-2754