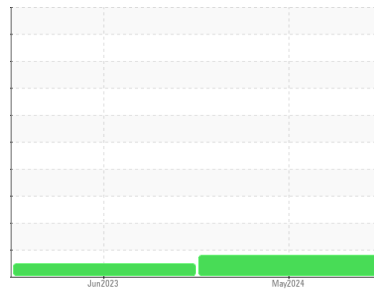




OIL ANALYSIS REPORT

Sample Rating Trend



ADDITIVES



Area

{UNASSIGNED}

Machine Id

GE-P202F-B

Component

Pump

Fluid

SHELL MORLINA S4 B 68 (9 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			RP0044436	RP0035762	---
Sample Date	Client Info			30 May 2024	30 Jun 2023	---
Machine Age	hrs	Client Info		509	0	---
Oil Age	hrs	Client Info		509	742	---
Oil Changed	Client Info			Not Chngd	Not Chngd	---
Sample Status				ATTENTION	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	0	0	---
Chromium	ppm	ASTM D5185m	>5	0	0	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m	>3	0	<1	---
Silver	ppm	ASTM D5185m	>3	0	0	---
Aluminum	ppm	ASTM D5185m	>7	0	<1	---
Lead	ppm	ASTM D5185m	>12	0	0	---
Copper	ppm	ASTM D5185m	>30	<1	<1	---
Tin	ppm	ASTM D5185m	>9	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		<1	0	---
Magnesium	ppm	ASTM D5185m		28	3	---
Calcium	ppm	ASTM D5185m		0	0	---
Phosphorus	ppm	ASTM D5185m		99	270	---
Zinc	ppm	ASTM D5185m		0	7	---

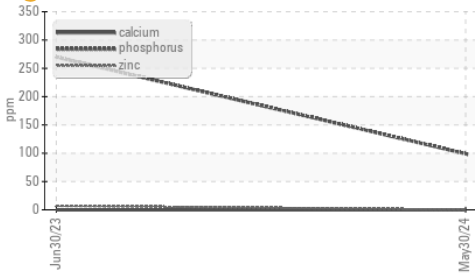
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	<1	2	---
Sodium	ppm	ASTM D5185m		2	<1	---
Potassium	ppm	ASTM D5185m	>20	1	0	---
Water	%	ASTM D6304	>.1	0.005	0.005	---
ppm Water	ppm	ASTM D6304	>1000	58	58.2	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.48	0.77	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.1	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---

OIL ANALYSIS REPORT

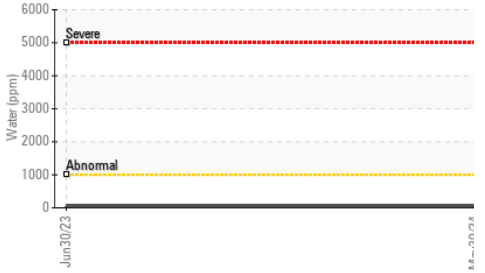
Additives



Water (KF)



Water (KF)



Viscosity @ 40°C



FLUID PROPERTIES

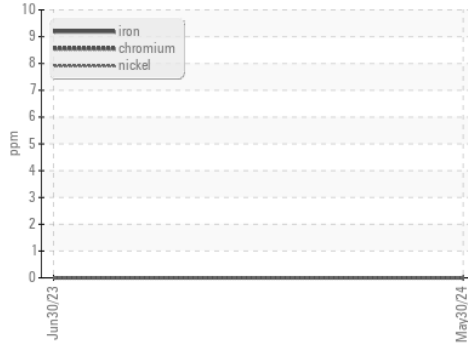
method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445 68	68.5	70.5	---

SAMPLE IMAGES

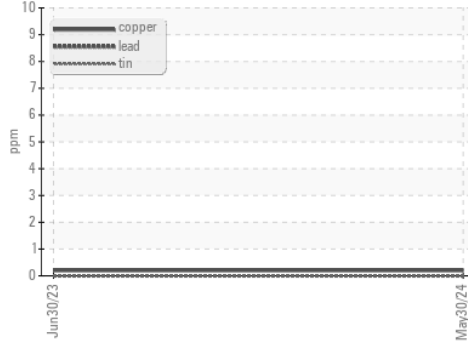
method	limit/base	current	history1	history2
Color				no image
Bottom				no image

GRAPHS

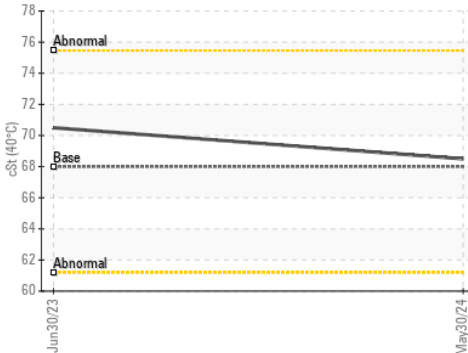
Ferrous Alloys



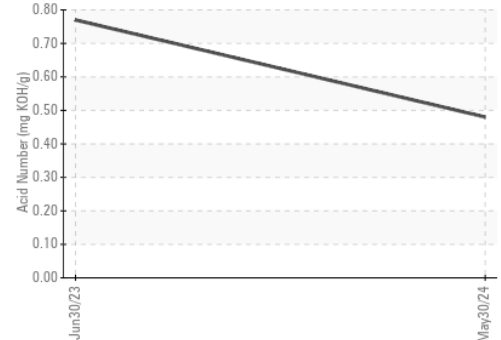
Non-ferrous Metals



Viscosity @ 40°C



Acid Number



Certificate L2367

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

Sample No. : RP0044436

Lab Number : 06199316

Unique Number : 11061439

Test Package : IND 2

Received : 04 Jun 2024

Tested : 05 Jun 2024

Diagnosed : 06 Jun 2024 - Don Baldrige

TEAM SUR S.A.S.

BOGOTA,

CO

Contact: Team Sur

jconde@teamsur.com

T: (300)740-0654

F:

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)