

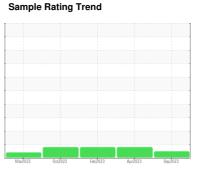
# **OIL ANALYSIS REPORT**

# GUAY SON [CONHER] **BM NAINARI IBACO BM NAINARI**

Component

**Transmission (Manual)** 

**RALOY SAE 50 (60 LTR)** 





### 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. The amount and size of particulates present in the system are acceptable.

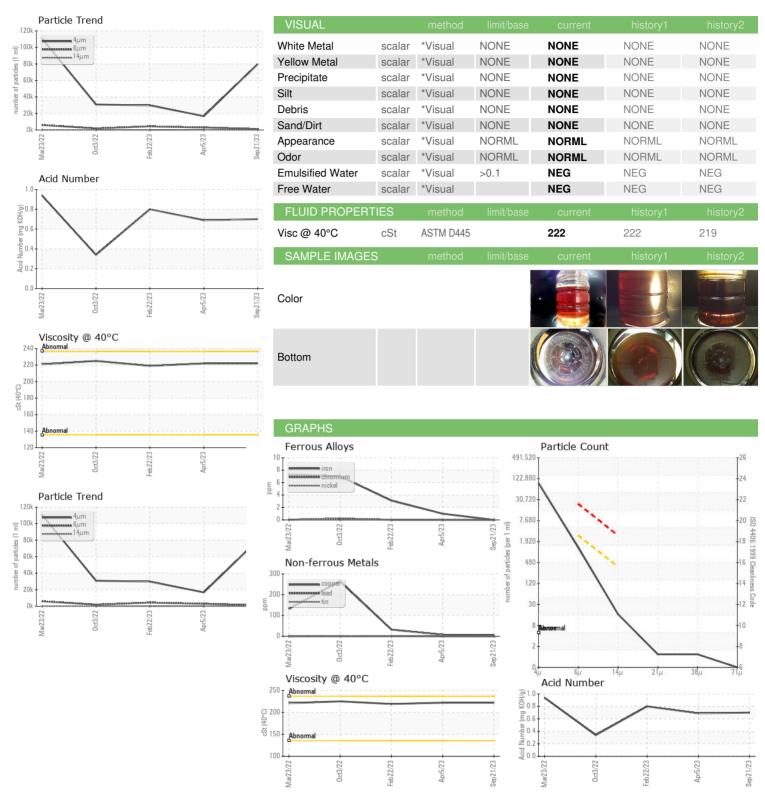
### **Fluid Condition**

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

		Mar2022	0et2022	Feb 2023 Apr 2023	Sep 2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0012860	KL0012323	KL0011345
Sample Date		Client Info		21 Sep 2023	05 Apr 2023	22 Feb 2023
Machine Age	hrs	Client Info		18621	18619	18272
Oil Age	hrs	Client Info		280	278	1432
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				NORMAL	ATTENTION	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	0	1	3
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m		<1	<1	<1
Lead	ppm	ASTM D5185m		0	0	<1
Copper	ppm	ASTM D5185m		7	7	32
Tin	ppm	ASTM D5185m	>10	<1	0	<1
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
Barium	ppm	ASTM D5185m		0	0	3
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	2
Magnesium	ppm	ASTM D5185m		12	9	19
Calcium	ppm	ASTM D5185m		3447	3458	3292
Phosphorus	ppm	ASTM D5185m		998	980	899
Zinc	ppm	ASTM D5185m		822	819	794
Sulfur	ppm	ASTM D5185m		5554	6085	6165
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	6	6	7
Sodium	ppm	ASTM D5185m		1	<1	2
Potassium	ppm	ASTM D5185m	>20	0	0	<1
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		79680	16739	29766
Particles >6µm		ASTM D7647	>2500	1150	△ 2990	<b>▲</b> 4396
Particles >14μm		ASTM D7647	>320	14	203	73
Particles >21µm		ASTM D7647		1	39	17
Particles >38µm		ASTM D7647	>20	1	2	1
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/15	17/11	<u>19/15</u>	<u> </u>
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	0.69	0.80



## OIL ANALYSIS REPORT







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

: KL0012860 : 05964567 : 10671118

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

Diagnosed Diagnostician

: 29 Sep 2023 : 06 Oct 2023 : Jonathan Hester

Test Package : MOB 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)

CONOR JUAREZ 348 HERMOSILLO.

MX 83140 Contact: EDUARDO GARCIA

egarcia.comsa@gmail.com T: (526)622-1581 x:81

F: x: