

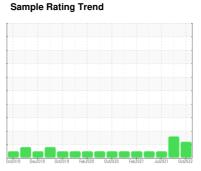
# **OIL ANALYSIS REPORT**

# GUAY SON [CONHER] Machine Id BM NAINARI AUX-1 IBACO BM NAINARI AUX-1

Component

**Diesel Engine** 

Xtra rev 15W 40 (8 LTR)





## DIAGNOSIS

## Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

## Contamination

Light fuel dilution occurring. The amount and size of particulates present in the system are acceptable.

## ▲ Fluid Condition

The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		KL0010131	KL0009158	KL0007471
Sample Date		Client Info		03 Oct 2022	25 Mar 2022	20 Jul 2021
Machine Age	hrs	Client Info		19263	17991	17741
Oil Age	hrs	Client Info		250	250	25
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				ATTENTION	ATTENTION	NORMAL
CONTAMINATION	٧	method	limit/base	current	history 1	history 2
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>100	13	43	10
Chromium	ppm	ASTM D5185m	>20	<1	10	<1
Nickel	ppm	ASTM D5185m	>4	<1	0	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m	>3	0	2	<1
Aluminum	ppm	ASTM D5185m	>20	3	6	0
Lead	ppm	ASTM D5185m	>40	3	1	<1
Copper	ppm	ASTM D5185m	>330	7	<1	2
Tin	ppm	ASTM D5185m	>15	1	1	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		20	327	2
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		18	104	5
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		77	547	52
Calcium	ppm	ASTM D5185m		2897	1542	3033
Phosphorus	ppm	ASTM D5185m		1168	878	979
Zinc	ppm	ASTM D5185m		1369	989	1123
Sulfur	ppm	ASTM D5185m		4542	2770	3403
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	23	11	19
Sodium	ppm	ASTM D5185m		2	12	4
Datasations	ppm	ASTM D5185m	>20	2	<1	<1
Potassium			. E	<b>△</b> 3.3	<1.0	<1.0
Fuel	%	ASTM D3524	>5	_ 3.3	<1.0	<1.0
	%	ASTM D3524	>5 limit/base	current	history 1	history 2
Fuel	%					
Fuel INFRA-RED		method	limit/base	current	history 1	history 2



## **OIL ANALYSIS REPORT**

