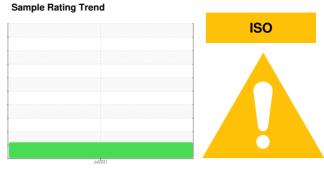


OIL ANALYSIS REPORT

Area
GUAY SON **IBACO BM ISMAR 6**

Bottom Diesel Fuel

{not provided} (--- GAL)



DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. We recommend you service the filters on this component. (Customer Sample Comment: Diesel from main tank)

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

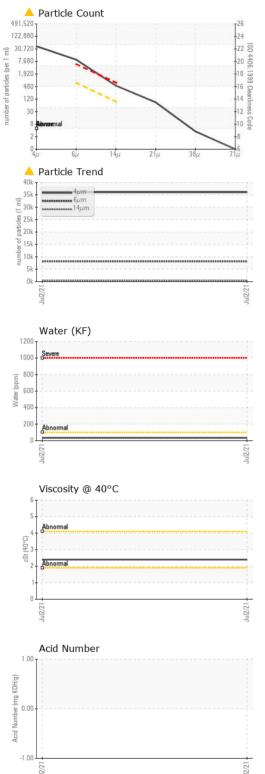
Contaminants

There is a high amount of particulates present in the fuel. The water content is negligible.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0006799		
Sample Date		Client Info		02 Jul 2021		
Machine Age	days	Client Info		0		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>2	<1		
Chromium	ppm	ASTM D5185m	>2	0		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>2	0		
Lead	ppm	ASTM D5185m	>2	0		
Copper	ppm	ASTM D5185m	>2	<1		
Tin	ppm	ASTM D5185m	>2	<1		
Antimony	ppm	ASTM D5185m	>2	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		1		
Calcium	ppm	ASTM D5185m		20		
Phosphorus	ppm	ASTM D5185m		6		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		47		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>10	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.05	0.003		
ppm Water	ppm	ASTM D6304		33.3		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		36056		
Particles >6µm		ASTM D7647	>640	<u> </u>		
Particles >14µm		ASTM D7647	>80	466		
Particles >21µm		ASTM D7647	>20	^ 74		
Particles >38µm		ASTM D7647	>4	3		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>16/13	<u>^</u> 20/16		



OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.05	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
FLUID PROPERT Visc @ 40°C	cSt	method ASTM D445	limit/base	current 2.4	history1	history2
	cSt		limit/base		history1 history1	· ·
Visc @ 40°C	cSt	ASTM D445		2.4		
Visc @ 40°C SAMPLE IMAGES	cSt	ASTM D445		2.4 current	history1	history2





Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 05313374

: KL0006799

Unique Number : 9597343

Diagnosed Test Package : MOB 2 (Additional Tests: KF, 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.

: 29 Jul 2021 - Jonathan Hester

Received

Tested

: 27 Jul 2021

: 29 Jul 2021

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

Pensky-Martens Flash Point (°C)

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: CONHERKL [WUSCAR] 05313374 (Generated: 05/13/2024 12:18:38) Rev: 1

Submitted By: EDUARDO GARCIA

CONOR

JUAREZ 348

MX 83140

F: x:

HERMOSILLO,