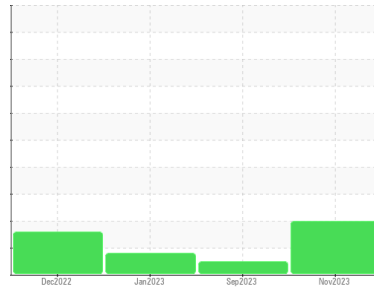




FUEL REPORT

Sample Rating Trend



ISO



Area
IBACO [CONHER]
Machine Id
BM COZAR VI
Component
Diesel Fuel
Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

We advise that you filter this fluid before use.

Corrosion

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

Contaminants

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

Fuel Condition

The condition of the fuel is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			KL0013360	KL0012823	KL0011329
Sample Date	Client Info			01 Nov 2023	17 Sep 2023	24 Jan 2023
Machine Age	hrs	Client Info		0	0	0
Sample Status				ATTENTION	NORMAL	ATTENTION

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.56	2.62	2.69

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		51	9	0

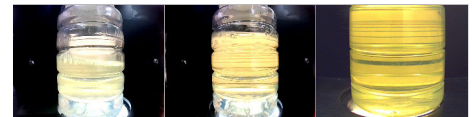
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	<1	0
Sodium	ppm	ASTM D5185m	<0.1	1	3	0
Potassium	ppm	ASTM D5185m	<0.1	0	<1	0
Water	%	ASTM D6304	<0.05	0.004	0.003	0.002
ppm Water	ppm	ASTM D6304	<500	42.5	29.3	21.5

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	▲ 11324	4384	3291
Particles >6µm		ASTM D7647	>640	▲ 3440	426	▲ 774
Particles >14µm		ASTM D7647	>80	▲ 206	21	48
Particles >21µm		ASTM D7647	>20	▲ 47	4	7
Particles >38µm		ASTM D7647	>4	1	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	▲ 21/19/15	16/12	▲ 17/13

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	0
Nickel	ppm	ASTM D5185m	<0.1	0	0	0
Lead	ppm	ASTM D5185m	<0.1	0	<1	0
Vanadium	ppm	ASTM D5185m	<0.1	0	0	0
Iron	ppm	ASTM D5185m	<0.1	0	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	<1	0
Magnesium	ppm	ASTM D5185m	<0.1	0	<1	0
Phosphorus	ppm	ASTM D5185m	<0.1	0	3	4
Zinc	ppm	ASTM D5185m	<0.1	0	0	0

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color

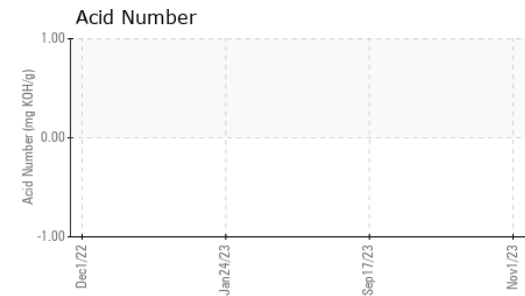
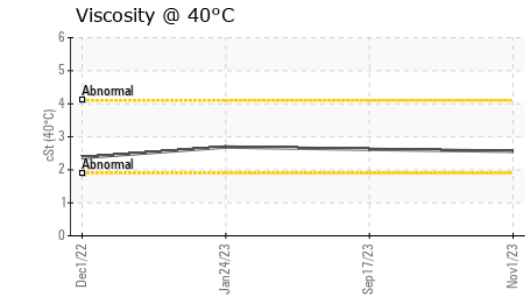
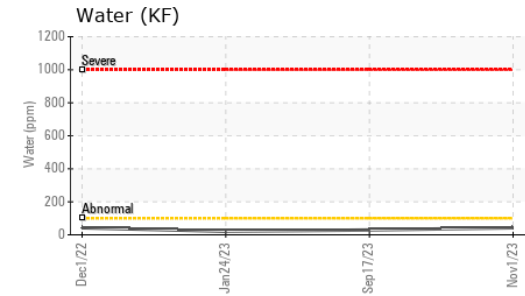
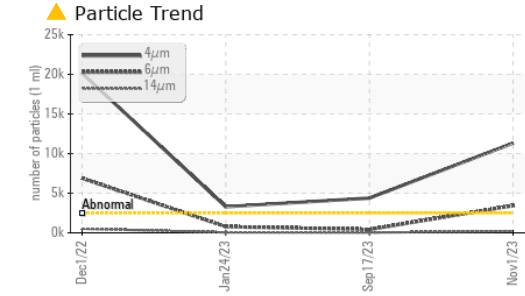
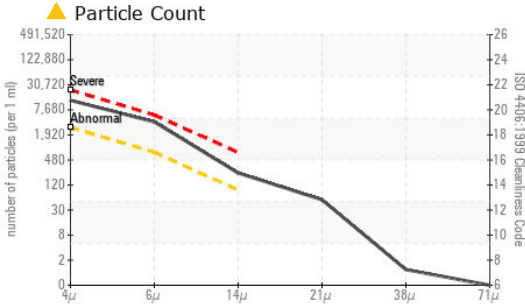


Bottom

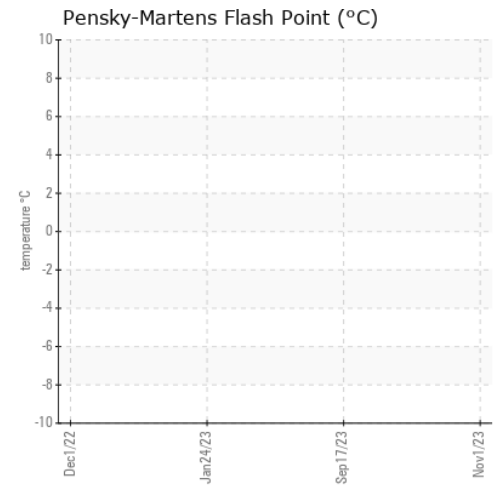




FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KL0013360 **Received** : 07 Nov 2023
Lab Number : 06001185 **Diagnosed** : 21 Nov 2023
Unique Number : 10729545 **Diagnostician** : Doug Bogart
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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

CONOR
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 HERMOSILLO,
 MX 83140
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 T: (526)622-1581 x:81
 F: x: