OIL ANALYSIS REPORT

Sample Rating Trend

Dec2023   Dec2023
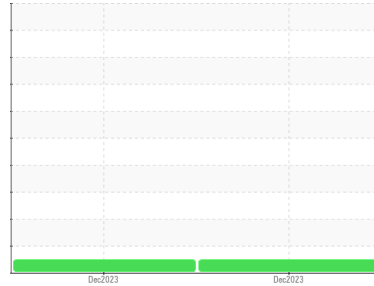
Machine Id
SPP DIESEL GENERATOR
Component
Circulating System
Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		**PCA0114142**	PCA0114141	---
Sample Date	Client Info		**06 Dec 2023**	05 Dec 2023	---
Machine Age	hrs	Client Info	**1017**	1010	---
Oil Age	hrs	Client Info	**0**	0	---
Oil Changed		Client Info	**N/A**	N/A	---
Sample Status			**NORMAL**	NORMAL	---

WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	**8**	16	---
Chromium	ppm	ASTM D5185m	**<1**	<1	---
Nickel	ppm	ASTM D5185m	**0**	0	---
Titanium	ppm	ASTM D5185m	**0**	0	---
Silver	ppm	ASTM D5185m	**<1**	<1	---
Aluminum	ppm	ASTM D5185m	**<1**	<1	---
Lead	ppm	ASTM D5185m	**0**	0	---
Copper	ppm	ASTM D5185m	**2**	2	---
Tin	ppm	ASTM D5185m	**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	**3**	3	---
Manganese	ppm	ASTM D5185m	**<1**	<1	---
Magnesium	ppm	ASTM D5185m	**895**	890	---
Calcium	ppm	ASTM D5185m	**1114**	1123	---
Phosphorus	ppm	ASTM D5185m	**1076**	1071	---
Zinc	ppm	ASTM D5185m	**1247**	1249	---
Sulfur	ppm	ASTM D5185m	**3310**	3319	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		**5**	5	---
Sodium	ppm	ASTM D5185m		**2**	2	---
Potassium	ppm	ASTM D5185m	>20	**0**	0	---
Water	%	ASTM D6304		**NEG**	NEG	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Base Number (BN)	mg KOH/g	ASTM D2896		**7.77**	7.98	---

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	**LIGHT**	NONE	---
Sand/Dirt	scalar	*Visual	NONE	**NONE**	NONE	---
Appearance	scalar	*Visual	NORML	**NORML**	NORML	---
Odor	scalar	*Visual	NORML	**NORML**	NORML	---
Emulsified Water	scalar	*Visual		**NEG**	NEG	---
Free Water	scalar	*Visual		**NEG**	NEG	---

Report Id: WHEPOR [WUSCAR] 06028269 (Generated: 12/15/2023 08:...

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OIL ANALYSIS REPORT

Base Number

Viscosity @ 100°C

Abnormal

Abnormal

Viscosity @ 40°C

Abnormal

Abnormal

Acid Number
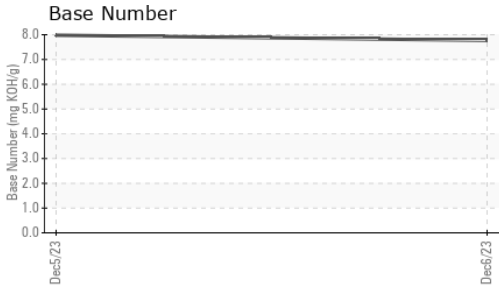
FLUID PROPERTIES

		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		**127.2**	127.2	---
Visc @ 100°C	cSt	ASTM D445		**14.00**	13.84	---
Viscosity Index (VI)	Scale	ASTM D2270		**107**	105	---
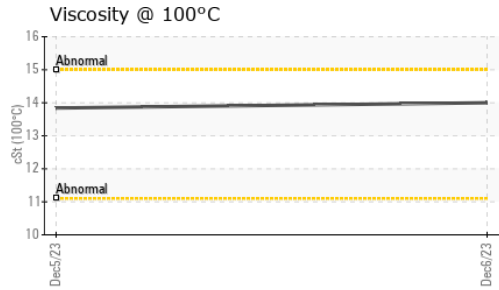
SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color					no image
Bottom					no image
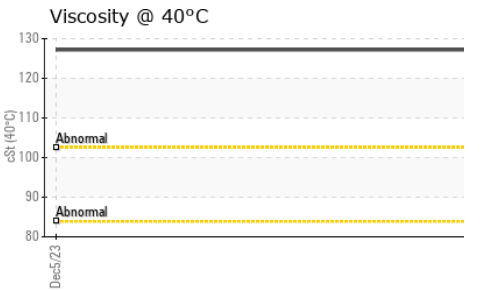
GRAPHS
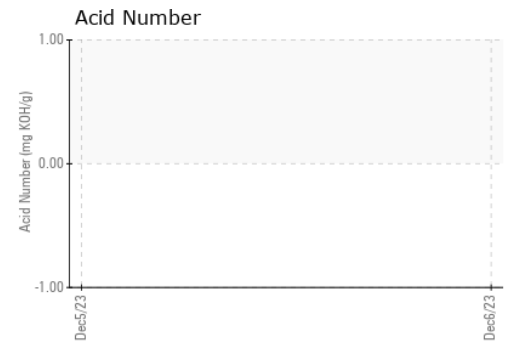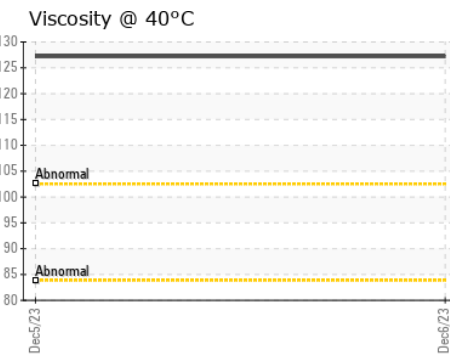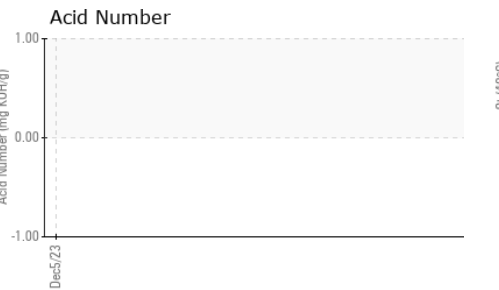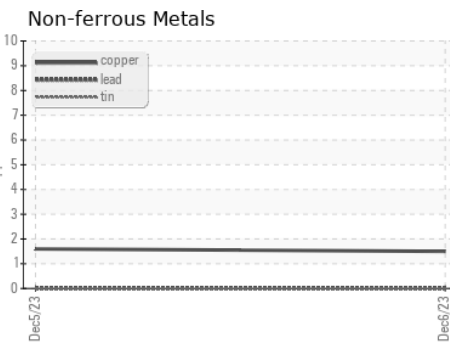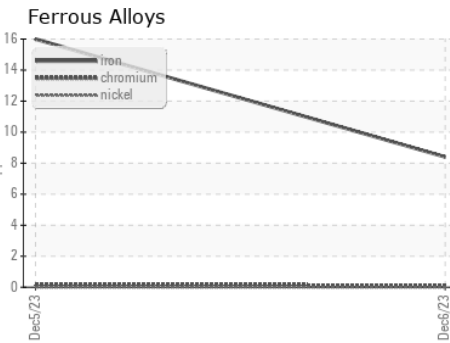
Ferrous Alloys

iron
chromium
nickel

Non-ferrous Metals

copper
lead
tin

Viscosity @ 40°C

Abnormal

Abnormal

Acid Number

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