

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
TANK - TIGER LINES

Component
New (Unused) Oil
Fluid
{not provided} (--- QTS)

DIAGNOSIS

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

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	PCA0118172	---	---
Sample Date	Client Info	23 Feb 2024	---	---
Machine Age	mls Client Info	0	---	---
Oil Age	mls Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	<1	---	---
Chromium	ppm	ASTM D5185m	<1	---	---
Nickel	ppm	ASTM D5185m	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m	2	---	---
Lead	ppm	ASTM D5185m	0	---	---
Copper	ppm	ASTM D5185m	0	---	---
Tin	ppm	ASTM D5185m	<1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m	148	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	55	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	1047	---	---
Calcium	ppm	ASTM D5185m	953	---	---
Phosphorus	ppm	ASTM D5185m	1005	---	---
Zinc	ppm	ASTM D5185m	1164	---	---
Sulfur	ppm	ASTM D5185m	3230	---	---

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	7	---	---
Sodium	ppm	ASTM D5185m	<1	---	---
Potassium	ppm	ASTM D5185m	>20	---	---
Water	%	ASTM D6304	NEG	---	---

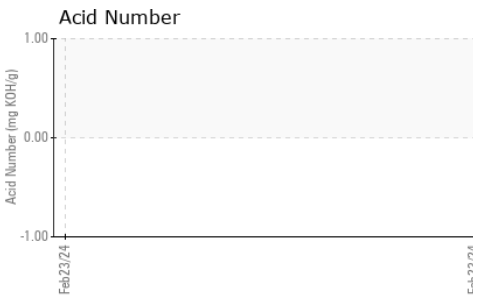
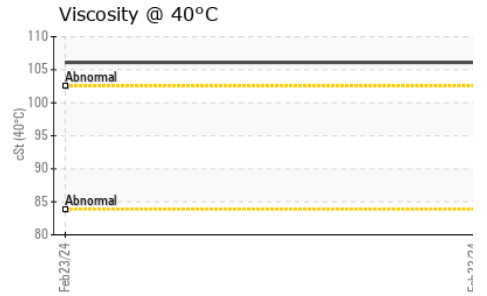
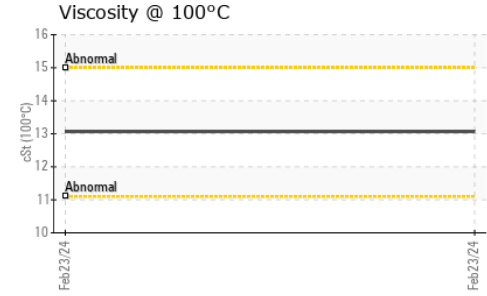
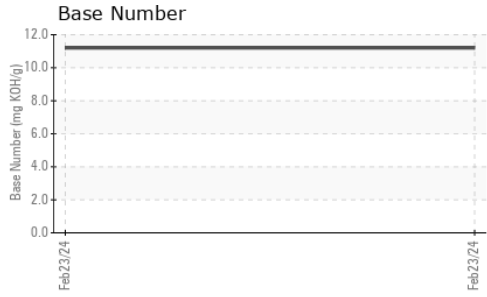
FLUID DEGRADATION method limit/base current history1 history2

Base Number (BN)	mg KOH/g	ASTM D2896	11.20	---	---
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VISUAL method limit/base current history1 history2

White Metal	scalar	*Visual	NONE	NONE	---	---
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		NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

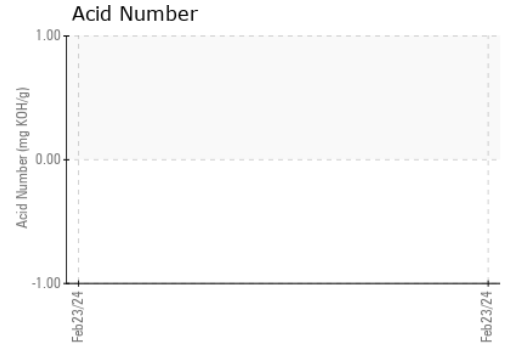
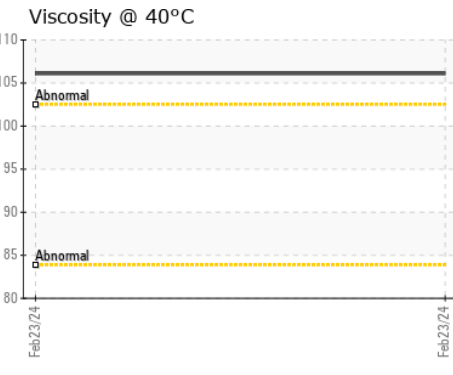
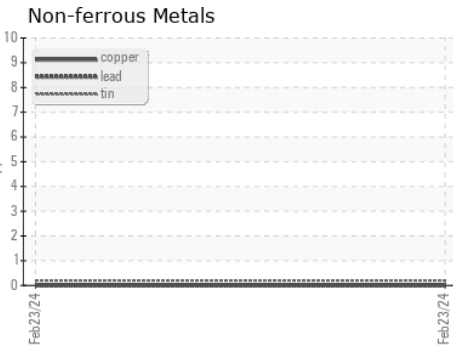
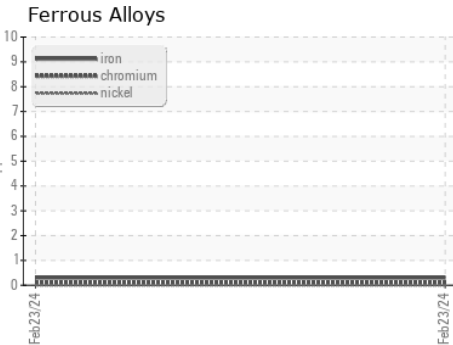
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		106.1	---	---
Visc @ 100°C	cSt	ASTM D445		13.07	---	---
Viscosity Index (VI)	Scale	ASTM D2270		119	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0118172 **Received** : 04 Mar 2024
Lab Number : **06107863** **Tested** : 06 Mar 2024
Unique Number : 10911360 **Diagnosed** : 06 Mar 2024 - Jonathan Hester
Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, VI)

VALLEY PACIFIC PETROLEUM SERVICES
 152 FRANK WEST CIRCLE
 STOCKTON, CA
 US 95206
 Contact: KATIE STONE
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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)

T:
F: