

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area
[908181586]
 Machine Id
[] NG PCA0118559 WO NUMBER 908181586
 Component
Gearbox
 Fluid
{not provided} (--- GAL)



DIAGNOSIS

- ▲ Recommendation**
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- ▲ Wear**
 The aluminum level is abnormal. All other component wear rates are normal.
- Contamination**
 Appearance is milky. There is no indication of any contamination in the oil.
- Fluid Condition**
 The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0118559	---	---
Sample Date	Client Info	15 Feb 2024	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	14	---	---
Iron	ppm ASTM D5185m >200	3	---	---
Chromium	ppm ASTM D5185m >15	0	---	---
Nickel	ppm ASTM D5185m >15	0	---	---
Titanium	ppm ASTM D5185m	0	---	---
Silver	ppm ASTM D5185m	0	---	---
Aluminum	ppm ASTM D5185m >25	▲ 38	---	---
Lead	ppm ASTM D5185m >100	0	---	---
Copper	ppm ASTM D5185m >200	1	---	---
Tin	ppm ASTM D5185m >25	0	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	0	---	---
Barium	ppm ASTM D5185m	<1	---	---
Molybdenum	ppm ASTM D5185m	0	---	---
Manganese	ppm ASTM D5185m	0	---	---
Magnesium	ppm ASTM D5185m	0	---	---
Calcium	ppm ASTM D5185m	262	---	---
Phosphorus	ppm ASTM D5185m	378	---	---
Zinc	ppm ASTM D5185m	137	---	---
Sulfur	ppm ASTM D5185m	1072	---	---

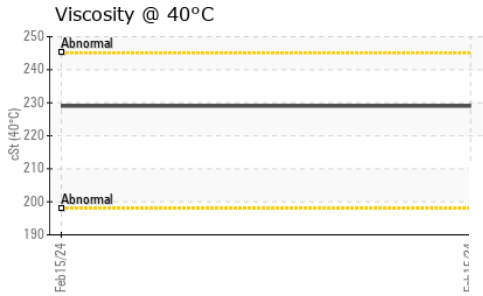
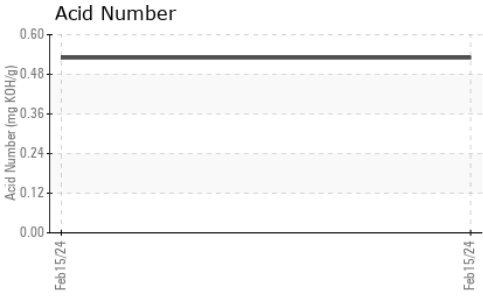
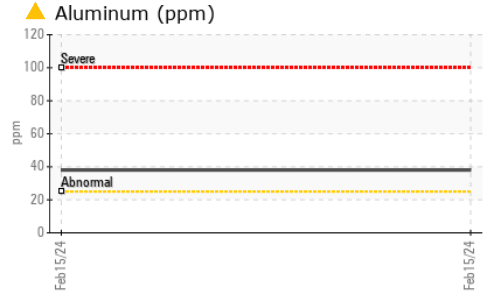
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	11	---	---
Sodium	ppm ASTM D5185m	<1	---	---
Potassium	ppm ASTM D5185m >20	0	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.53	---	---



OIL ANALYSIS REPORT



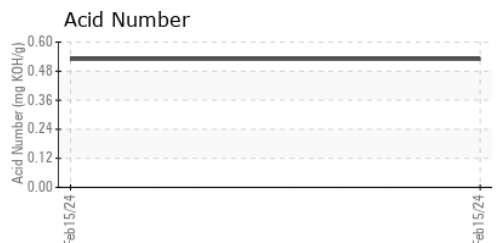
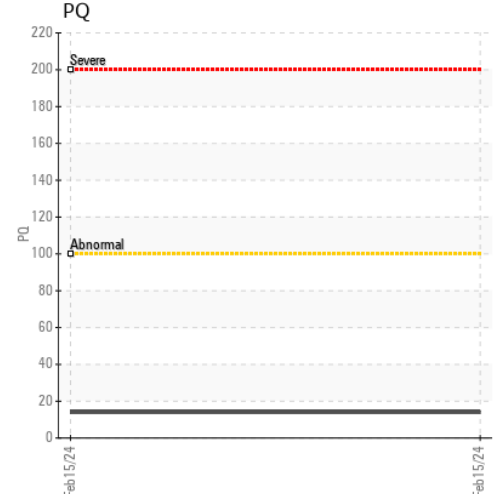
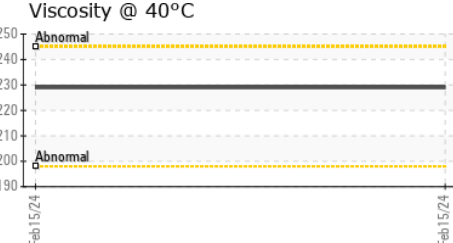
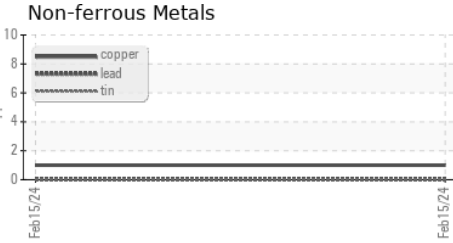
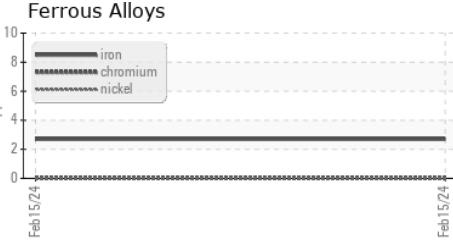
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	● MILKY	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	229	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0118559 **Received** : 27 Feb 2024
Lab Number : 06101835 **Tested** : 28 Feb 2024
Unique Number : 10900065 **Diagnosed** : 29 Feb 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: PQ)

THE HERSHEY COMPANY
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 US 17033
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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)