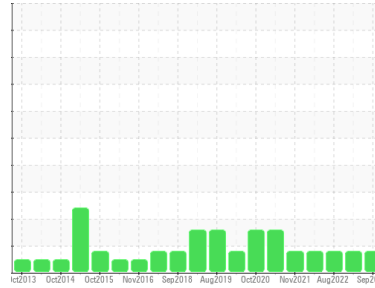




PROBLEM SUMMARY

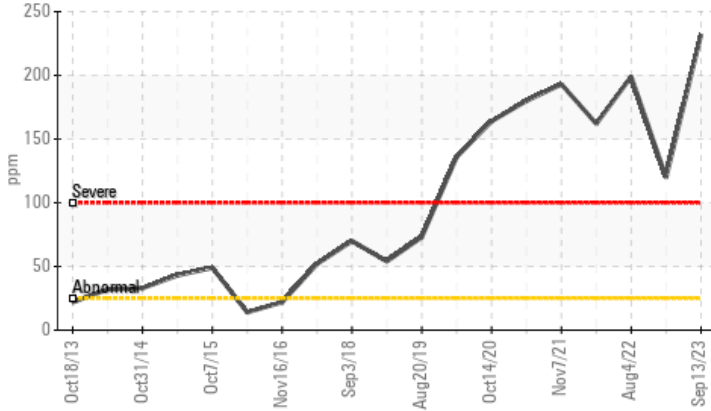
Sample Rating Trend



Area
LINE 6 [908015463]
 Machine Id
[LINE 6] L6 WRAPPER 21 L6 WRAPPER 21
 Component
Gearbox
 Fluid
NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Aluminum (ppm)



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	ABNORMAL	ABNORMAL
Aluminum	ppm	ASTM D5185m	>25
	▲ 232	▲ 120	▲ 199

Customer Id: HERHER
 Sample No.: PCA0103727
 Lab Number: 06009751
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

23 Feb 2023 Diag: Don Baldrige

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level has decreased, but is still abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



04 Aug 2022 Diag: Angela Borella

WEAR



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

view report



22 Jul 2022 Diag: Don Baldrige

WEAR



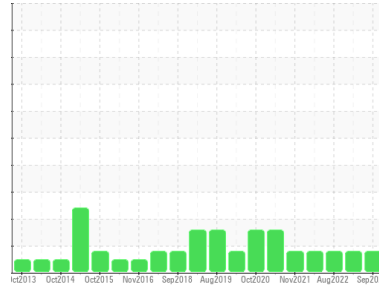
No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is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

view report



OIL ANALYSIS REPORT

Sample Rating Trend



Area
LINE 6 [908015463]
 Machine Id
[LINE 6] L6 WRAPPER 21 L6 WRAPPER 21
 Component
Gearbox
 Fluid
NOT GIVEN (--- 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**
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	PCA0103727	PCA0081390	PCA0051679
Sample Date	Client Info	13 Sep 2023	23 Feb 2023	04 Aug 2022
Machine Age	hrs	0	0	0
Oil Age	hrs	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	42	48	50
Iron	ppm ASTM D5185m >200	51	44	46
Chromium	ppm ASTM D5185m >15	1	1	<1
Nickel	ppm ASTM D5185m >15	0	0	0
Titanium	ppm ASTM D5185m	<1	<1	<1
Silver	ppm ASTM D5185m	0	0	0
Aluminum	ppm ASTM D5185m >25	▲ 232	▲ 120	▲ 199
Lead	ppm ASTM D5185m >100	<1	0	<1
Copper	ppm ASTM D5185m >200	7	6	7
Tin	ppm ASTM D5185m >25	<1	<1	<1
Vanadium	ppm ASTM D5185m	<1	0	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	0	0	0
Barium	ppm ASTM D5185m	19	14	15
Molybdenum	ppm ASTM D5185m	0	0	0
Manganese	ppm ASTM D5185m	<1	<1	<1
Magnesium	ppm ASTM D5185m	8	8	6
Calcium	ppm ASTM D5185m	3821	3287	3494
Phosphorus	ppm ASTM D5185m	508	491	542
Zinc	ppm ASTM D5185m	1721	1359	1480
Sulfur	ppm ASTM D5185m	1539	1501	1459

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	34	29	33
Sodium	ppm ASTM D5185m	5	3	0
Potassium	ppm ASTM D5185m >20	0	0	2

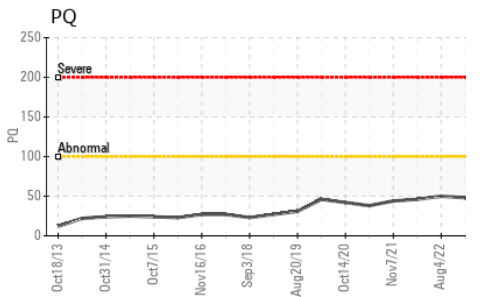
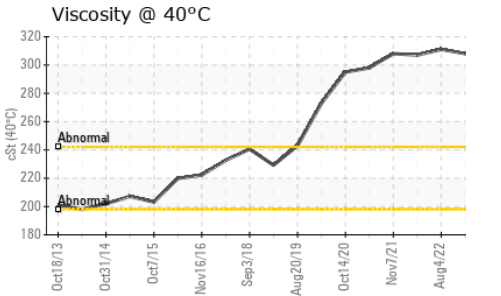
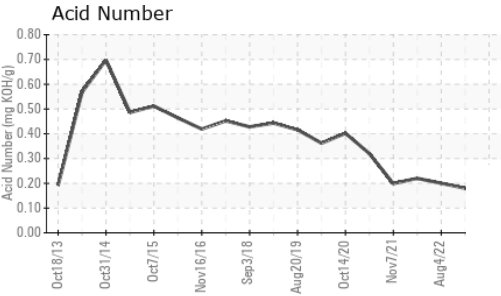
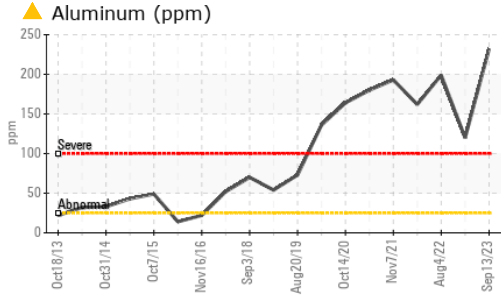
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.16	0.18	0.20

VISUAL

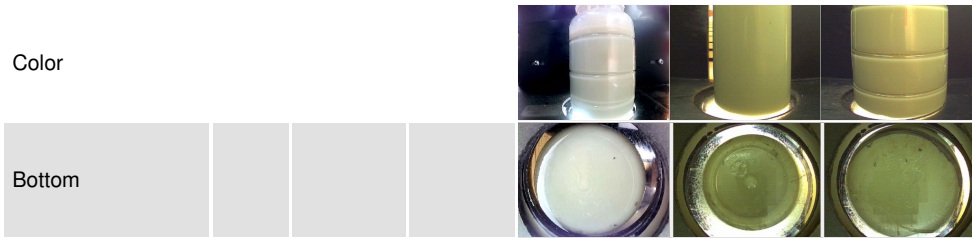
method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar *Visual NONE	NONE	NONE	NONE
Precipitate	scalar *Visual NONE	NONE	NONE	NONE
Silt	scalar *Visual NONE	NONE	NONE	NONE
Debris	scalar *Visual NONE	LIGHT	NONE	LIGHT
Sand/Dirt	scalar *Visual NONE	NONE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

OIL ANALYSIS REPORT

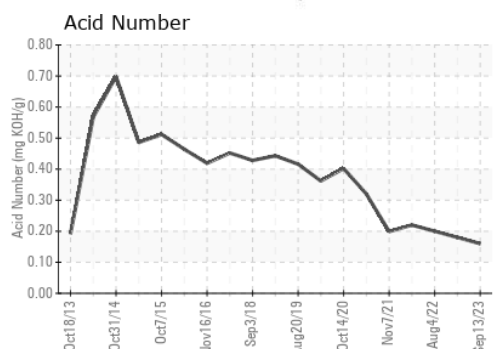
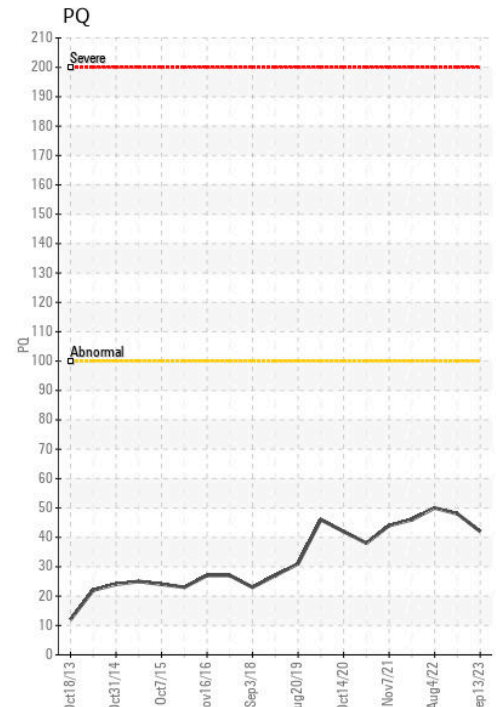
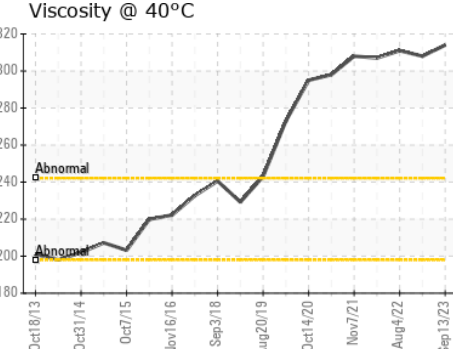
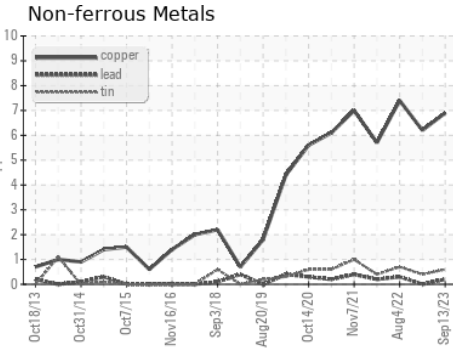
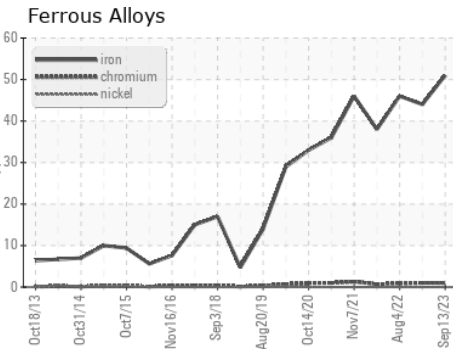


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		314	308	311

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0103727 **Received** : 16 Nov 2023
Lab Number : 06009751 **Diagnosed** : 17 Nov 2023
Unique Number : 10748895 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: PQ)

THE HERSHEY COMPANY
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 HERSHEY, PA
 US 17033
 Contact: CLINTON ZOHNER
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 T: (717)374-4846
 F: (717)374-4594

Certificate L2367
 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)