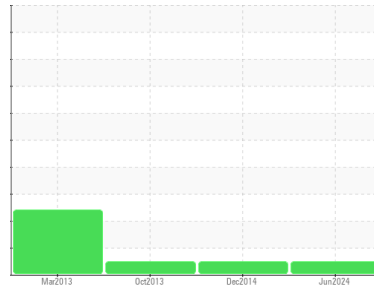


OIL ANALYSIS REPORT

Area
DRYING
 Machine Id
[DRYING] PX-12027 PX-12027
 Component
Hydraulic System
 Fluid
HYDRAULIC OIL FG ISO 68 (--- QTS)

Sample Rating Trend



DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 The amount and size of particulates present in the system is acceptable. There is no indication of any contamination in the component.

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	PCA0127088	PCAI24413	PCAI24240
Sample Date	Client Info	30 Jun 2024	23 Dec 2014	22 Oct 2013
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	>0.05	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2	
PQ	ASTM D8184	16	10.0	9.0	
Iron	ppm	ASTM D5185m	>20	<1	0
Chromium	ppm	ASTM D5185m	>20	<1	0
Nickel	ppm	ASTM D5185m	>20	0	<1
Titanium	ppm	ASTM D5185m		<1	0
Silver	ppm	ASTM D5185m		<1	0
Aluminum	ppm	ASTM D5185m	>20	3	<1
Lead	ppm	ASTM D5185m	>20	0	1
Copper	ppm	ASTM D5185m	>20	<1	<1
Tin	ppm	ASTM D5185m	>20	0	<1
Antimony	ppm	ASTM D5185m		---	0
Vanadium	ppm	ASTM D5185m		<1	0
Cadmium	ppm	ASTM D5185m		0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	5	0	<1
Barium	ppm	ASTM D5185m	5	<1	0
Molybdenum	ppm	ASTM D5185m	5	2	0
Manganese	ppm	ASTM D5185m		0	0
Magnesium	ppm	ASTM D5185m	5	34	0
Calcium	ppm	ASTM D5185m	12	26	0
Phosphorus	ppm	ASTM D5185m	400	412	458
Zinc	ppm	ASTM D5185m	12	37	1
Sulfur	ppm	ASTM D5185m	650	558	405

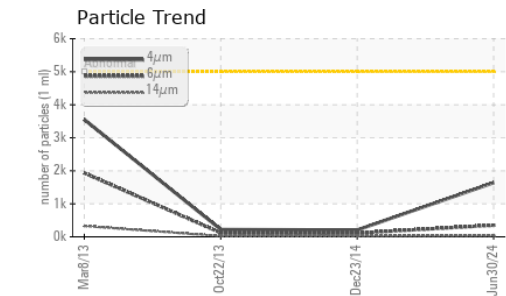
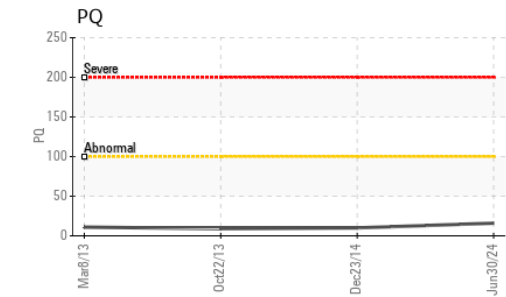
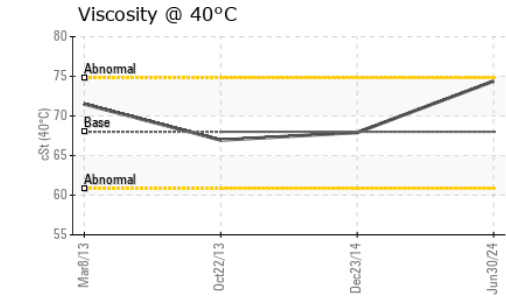
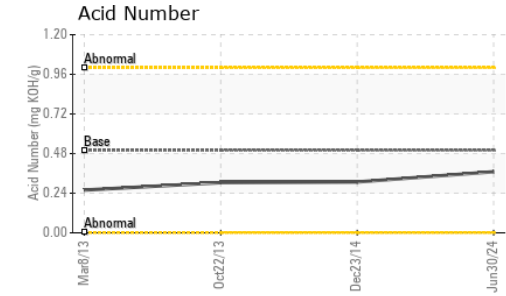
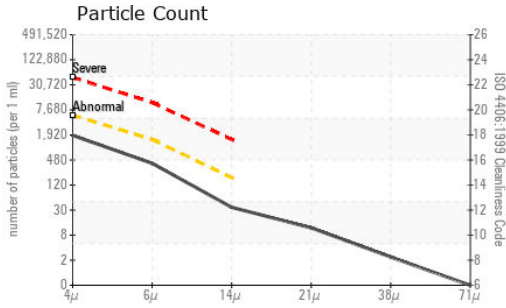
CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>15	0	3
Sodium	ppm	ASTM D5185m		0	0
Potassium	ppm	ASTM D5185m	>20	1	0

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	1640	206
Particles >6µm	ASTM D7647	>1300	351	112
Particles >14µm	ASTM D7647	>160	31	19
Particles >21µm	ASTM D7647	>40	10	6
Particles >38µm	ASTM D7647	>10	2	0
Particles >71µm	ASTM D7647	>3	0	0
Oil Cleanliness	ISO 4406 (c)	>19/17/14	18/16/12	15/14/11

OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.50	0.37	0.308	0.304

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	VLITE	LIGHT
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	NONE
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	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	68	74.4	67.91	66.95

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



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0127088 **Received** : 15 Jul 2024
Lab Number : **06235772** **Tested** : 16 Jul 2024
Unique Number : 11124606 **Diagnosed** : 16 Jul 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: PQ)

THE HERSHEY COMPANY
 WEST HERSHEY - TECHNICAL ASSURANCE, 1033 OLDE WEST CHOCOLATE
 HERSHEY, PA
 US 17033
 Contact: CLINTON ZOHNER
 clintzohner@hersheys.com
 T: (717)374-4846
 F: (717)374-4594

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)