



PROBLEM SUMMARY

Area
[183195-N2STV4W]
 Machine Id
SHOP FILTER PUMP
 Component
Hydraulic System
 Fluid
SAFETY-KLEEN PERFORMANCE PLUS HYD. AW32 (330 GAL)

Sample Rating Trend

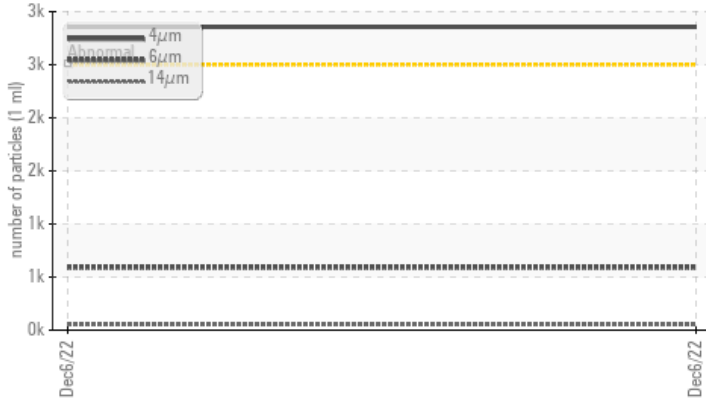


ISO



COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

PROBLEMATIC TEST RESULTS

Sample Status	ASTM D7647	ASTM D7647	ATTENTION	---	---
Particles >4µm	>2500	>320	▲ 2857	---	---
Particles >6µm	>40	>18/15/12	▲ 52	---	---
Oil Cleanliness			▲ 19/16/13	---	---
PrtFilter			no image	no image	no image

Customer Id: SOLALA
 Sample No.: PH05715388
 Lab Number: 05751388
 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data:
 System Automation +1 905-569-8600 x230
Kevin.Marson@wearcheck.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



OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Area
[183195-N2STV4W]
 Machine Id
SHOP FILTER PUMP

Component
Hydraulic System
 Fluid
SAFETY-KLEEN PERFORMANCE PLUS HYD. AW32 (330 GAL)

DIAGNOSIS

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PH05715388	---	---
Sample Date	Client Info			06 Dec 2022	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				ATTENTION	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	---	---
Chromium	ppm	ASTM D5185m	>20	0	---	---
Nickel	ppm	ASTM D5185m	>20	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	0	---	---
Lead	ppm	ASTM D5185m	>20	0	---	---
Copper	ppm	ASTM D5185m	>20	0	---	---
Tin	ppm	ASTM D5185m	>20	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	11	0	---	---
Barium	ppm	ASTM D5185m	0.0	0	---	---
Molybdenum	ppm	ASTM D5185m	1.2	0	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m	0.0	0	---	---
Calcium	ppm	ASTM D5185m	35	52	---	---
Phosphorus	ppm	ASTM D5185m	324	343	---	---
Zinc	ppm	ASTM D5185m	400	437	---	---
Sulfur	ppm	ASTM D5185m	1528	1013	---	---

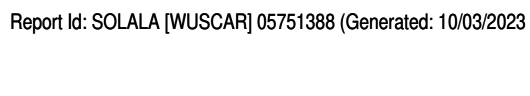
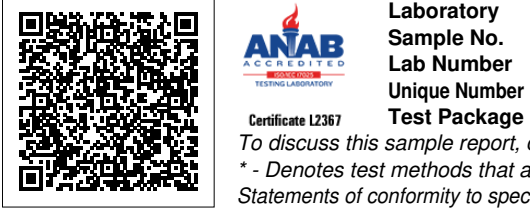
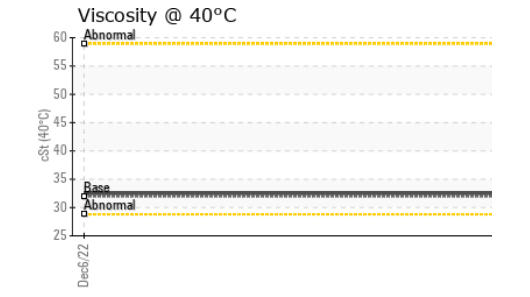
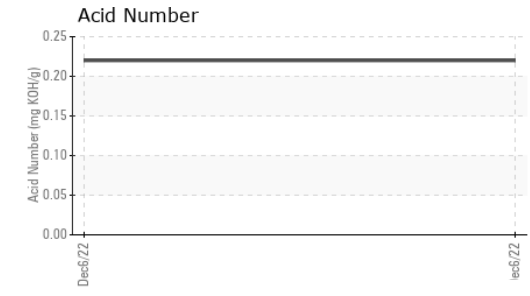
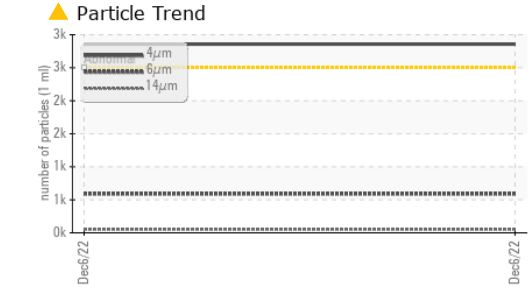
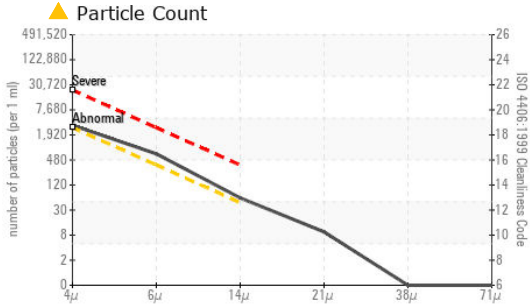
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	---	---
Sodium	ppm	ASTM D5185m		0	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	▲ 2857	---	---
Particles >6µm		ASTM D7647	>320	▲ 592	---	---
Particles >14µm		ASTM D7647	>40	▲ 52	---	---
Particles >21µm		ASTM D7647	>10	8	---	---
Particles >38µm		ASTM D7647	>3	0	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>18/15/12	▲ 19/16/13	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.22	---	---



OIL ANALYSIS REPORT

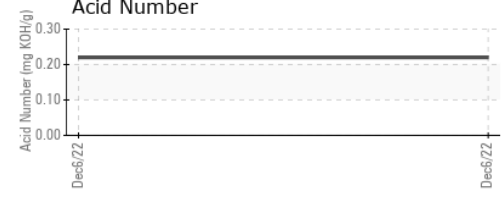
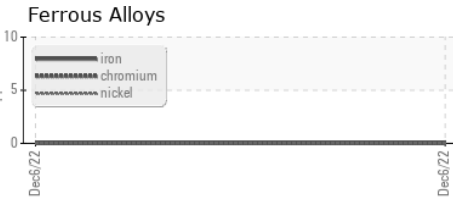


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32.0	32.5	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PH05715388 **Received** : 26 Jan 2023
Lab Number : 05751388 **Diagnosed** : 02 Oct 2023
Unique Number : 10310992 **Diagnostician** : System
Test Package : PLANT (Additional Tests: PrtFilter, KF)
 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)

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