

OIL ANALYSIS REPORT

Machine Id

MACHINE 7 - PROGRAM (S/N 3926)

Component Hydraulic System

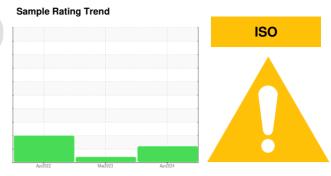
SAFETY-KLEEN PERFORMANCE PLUS HYDRAULIC AW 46 (55 GAL)

DIAGNOSIS	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
A Recommendation	Sample Number		Client Info		WC0910079	WC0800140	WC0668620
lo corrective action is recommended at this time.	Sample Date		Client Info		01 Apr 2024	27 Mar 2023	07 Apr 2022
Dil and filter change at the time of sampling has	Machine Age	mths	Client Info		0	0	0
een noted. Resample at the next service interval	Oil Age	mths	Client Info		0	0	0
o monitor.	Oil Changed		Client Info		Changed	Changed	Filtered
/ear	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Il component wear rates are normal.	CONTAMINATION		method	limit/base	current	history1	history2
Contamination here is a high amount of silt (particulates < 14	Water		WC Method		NEG	NEG	NEG
icrons in size) present in the oil.	WEAR METALS		method	limit/base	current	history1	history2
Fluid Condition The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Iron	ppm	ASTM D5185m	>20	2	<1	1
	Chromium	ppm	ASTM D5185m		- <1	0	0
	Nickel	ppm	ASTM D5185m		<1	0	0
	Titanium	ppm	ASTM D5185m		<1	0	0
	Silver	ppm	ASTM D5185m		<1	0	0
	Aluminum	ppm	ASTM D5185m	>20	1	0	<1
	Lead	ppm	ASTM D5185m		1	0	0
	Copper	ppm	ASTM D5185m		4	2	2
	Tin	ppm	ASTM D5185m		1	0	0
	Vanadium	ppm	ASTM D5185m		<1	0	0
	Cadmium	ppm	ASTM D5185m		1	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		0	0	1
	Barium	ppm	ASTM D5185m		<1	0	0
	Molybdenum	ppm	ASTM D5185m		2	1	1
	Manganese	ppm	ASTM D5185m		<1	<1	0
	Magnesium	ppm	ASTM D5185m		17	27	8
	Calcium	ppm	ASTM D5185m	48	75	74	60
	Phosphorus	ppm	ASTM D5185m	340	349	350	300
	Zinc	ppm	ASTM D5185m	430	429	464	423
	Sulfur	ppm	ASTM D5185m		877	1046	729
	CONTAMINANT	S	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>15	<1	<1	<1
	Sodium	ppm	ASTM D5185m		0	0	0
	Potassium	ppm	ASTM D5185m	>20	1	0	<1
	FLUID CLEANL	INESS	method	limit/base	current	history1	history2
	Particles >4µm		ASTM D7647		A 36514		A 38150
	Particles >6µm		ASTM D7647		<mark> </mark> 1664		▲ 6764
	Particles >14µm		ASTM D7647		78		6 15
	Particles >21µm		ASTM D7647		20		1 53
	Particles >38µm		ASTM D7647		1		1 4
	Particles >71µm		ASTM D7647		0		2
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	A 22/18/13		▲ 22/20/16
	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2

Acid Number (AN) mg KOH/g ASTM D8045

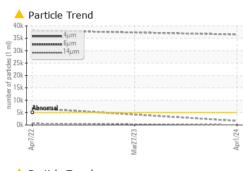
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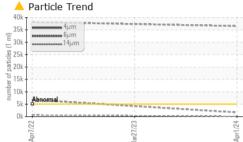
0.27 0.30 0.29 Contact/Location: ERIC LOYA - CONSAM Page 1 of 2

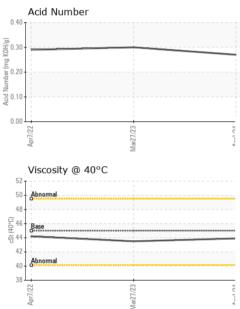




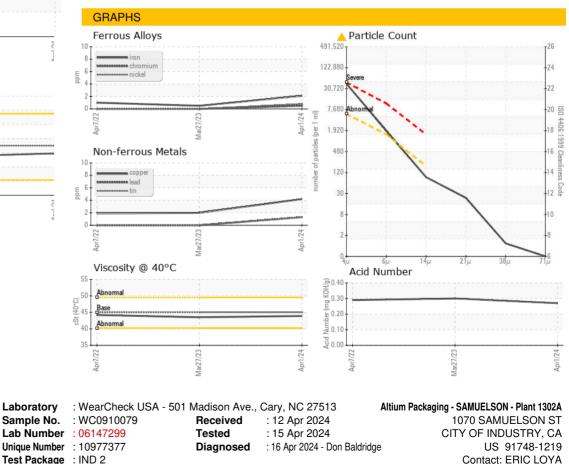
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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	🔺 MODER	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	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	45.0	43.9	43.5	44.2
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color						
Bottom						



Test Package : IND 2 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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Certificate 12367

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