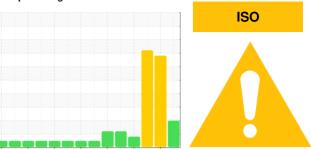


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

STRIPPIT GLOBAL 30 1225 Global (S/N 094112904)

Hydraulic System

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Jun2017 0	:12017 Apr2018 Aug	2019 Aug2022 Apr2023	Nov2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PTK0005347	PTK0005041	PTK0004670
Sample Date		Client Info		06 Apr 2024	20 Nov 2023	21 Aug 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	SEVERE	SEVERE
CONTAMINATION	J	method	limit/base	current	history1	history2
Water	•	WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
WEAR METALS						
Iron	ppm	ASTM D5185m		1	0	2
Chromium	ppm	ASTM D5185m		0	0	<1
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		<1	1	2
Lead	ppm	ASTM D5185m	>10	0	1	1
Copper	ppm	ASTM D5185m		0	0	1
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
ADDITIVES		mounoa		Current	Thistory	Thotoly L
Boron	ppm	ASTM D5185m		0	0	0
	ppm					
Boron Barium		ASTM D5185m		0	0	0
Boron Barium Molybdenum	ppm	ASTM D5185m ASTM D5185m		0 0	0	0
Boron Barium	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0	0 0 0	0 0 <1
Boron Barium Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0 0	0 0 0	0 0 <1 <1
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0 0 <1	0 0 0 0	0 0 <1 <1 6
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0 0 <1 117	0 0 0 0 2 122	0 0 <1 <1 6 131
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0 0 <1 117 421	0 0 0 0 2 122 437	0 0 <1 <1 6 131 464
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 0 0 <1 117 421 585	0 0 0 0 2 122 437 631	0 0 <1 <1 6 131 464 636
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0 0 <1 117 421 585 2911	0 0 0 0 2 122 437 631 2764 history1	0 0 <1 <1 6 131 464 636 3248 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base	0 0 0 0 <1 117 421 585 2911 current	0 0 0 0 2 122 437 631 2764 history1	0 0 <1 <1 6 131 464 636 3248
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >20	0 0 0 0 <1 117 421 585 2911	0 0 0 0 2 122 437 631 2764 history1	0 0 <1 <1 6 131 464 636 3248 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >20 >20	0 0 0 0 <1 117 421 585 2911 current 2 3	0 0 0 0 2 122 437 631 2764 history1 2 2	0 0 <1 <1 6 131 464 636 3248 history2 3 4
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >20	0 0 0 0 <1 117 421 585 2911 current 2 3 0	0 0 0 0 2 122 437 631 2764 history1 2 2	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m	limit/base >20 >20 limit/base	0 0 0 0 <1 117 421 585 2911 current 2 3 0	0 0 0 0 2 122 437 631 2764 history1 2 2 2 history1 96631	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >6µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m	limit/base >20 >20 limit/base >2500	0 0 0 0 <1 117 421 585 2911 current 2 3 0 current 172744 ▲ 89765	0 0 0 0 2 122 437 631 2764 history1 2 2 2 history1 96631 ▲ 38329	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D7647 ASTM D7647	limit/base >20 >20 limit/base >2500 >2500 >320	0 0 0 0 <1 117 421 585 2911 current 2 3 0 current 172744 ▲ 89765 ▲ 10968	0 0 0 0 2 122 437 631 2764 history1 2 2 2 2 history1 96631 ▲ 38329 ▲ 3618	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2 history2 207437 ▲ 136188 ▲ 27978
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647	limit/base >20 >20 limit/base >2500 >320 >80	0 0 0 0	0 0 0 0 2 122 437 631 2764 history1 2 2 2 2 history1 96631 ▲ 38329 ▲ 3618 ▲ 904	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2 history2 207437 ▲ 136188 ▲ 27978 ▲ 8040
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm Particles >38µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >20 >20 limit/base >2500 >320 >80 >20	0 0 0 0	0 0 0 0 2 122 437 631 2764 history1 2 2 2 history1 96631 ▲ 38329 ▲ 3618 ▲ 904 17	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2 history2 207437 ▲ 136188 ▲ 27978 ▲ 8040 ▲ 137
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >21µm Particles >38µm Particles >71µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >20 >20 limit/base >2500 >320 >80 >20 >4	0 0 0 0 1 117 421 585 2911 current 2 3 0 current 172744 89765 10968 2408 56 1	0 0 0 0 2 122 437 631 2764 history1 2 2 2 history1 96631 ▲ 38329 ▲ 3618 ▲ 904 17 0	0 0 -1 -1 -1 6 131 464 636 3248 history2 3 4 2 history2 207437 ▲ 136188 ▲ 27978 ▲ 8040 ▲ 137 2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm Particles >38µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >20 >20 limit/base >2500 >320 >80 >20	0 0 0 0	0 0 0 0 2 122 437 631 2764 history1 2 2 2 history1 96631 ▲ 38329 ▲ 3618 ▲ 904 17	0 0 <1 <1 6 131 464 636 3248 history2 3 4 2 history2 207437 ▲ 136188 ▲ 27978 ▲ 8040 ▲ 137

Acid Number (AN)

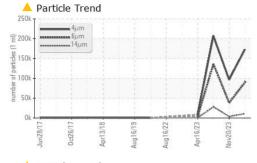
mg KOH/g ASTM D8045

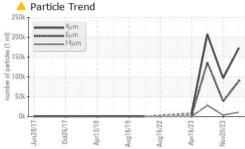
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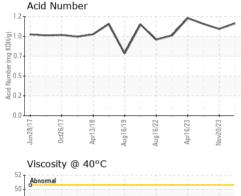
1.11 Submitted By: MIKE LEEN

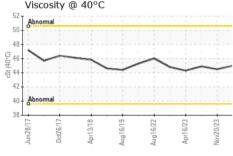


OIL ANALYSIS REPORT









VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	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	NONE	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	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	ΓIES	method	limit/base	current	history1	history2

Visc @ 40°C	cSt	ASTM D445	45.0	44.5	44.9
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SAMPLE	IMAGES	method

limit/base

current

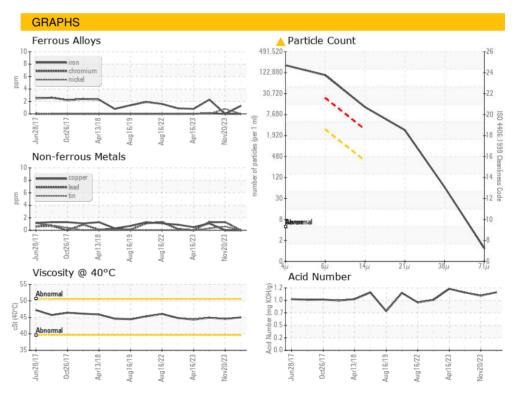
historv1

historv2

Color

Bottom





: 15 Apr 2024 - Don Baldridge





Certificate 12367

Laboratory Sample No.

: PTK0005347 Lab Number : 06145834 Unique Number : 10975912

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 11 Apr 2024 **Tested** : 12 Apr 2024

Diagnosed Test Package : MOB 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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F: Submitted By: MIKE LEEN

CDI