



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SUTPHEN ENGINE 361
 Component
Front Hydraulic System
 Fluid
DEXRON III (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

WEAR

The copper level is abnormal. All other component wear rates are normal.

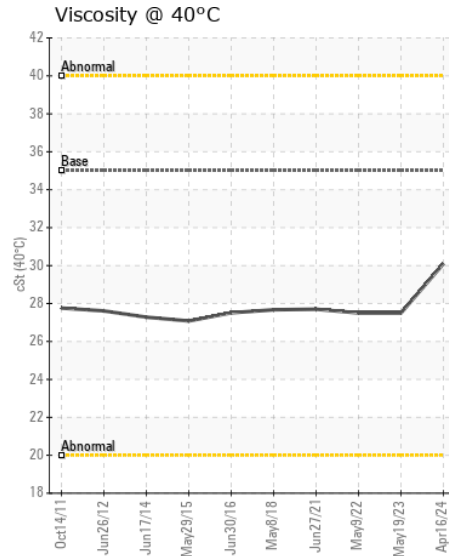
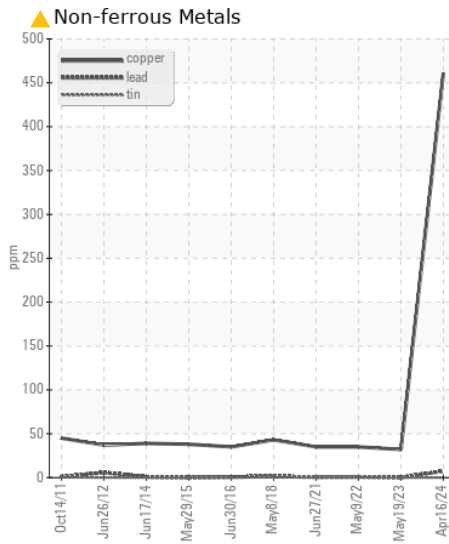
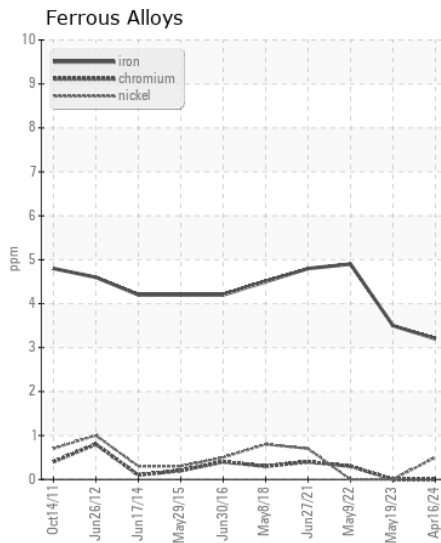
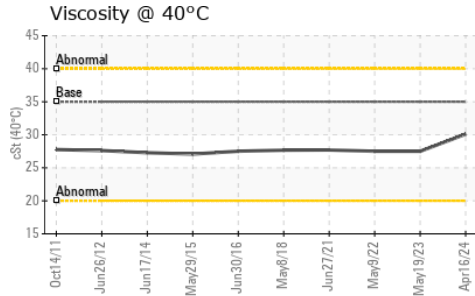
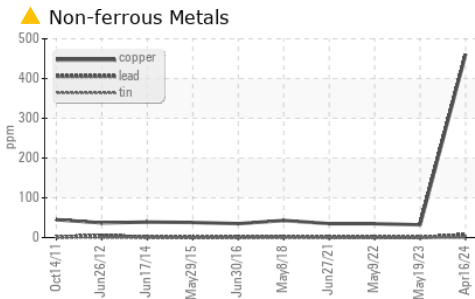
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0917764	WC0801365	WC0683976
Sample Date		Client Info		16 Apr 2024	19 May 2023	09 May 2022
Machine Age	hrs	Client Info		5892	5892	5866
Oil Age	hrs	Client Info		5892	5866	5843
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>20	3	4	5
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	1	4
Lead	ppm	ASTM D5185m	>10	7	0	<1
Copper	ppm	ASTM D5185m	>75	▲ 461	32	35
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	2	2	3
Potassium	ppm	ASTM D5185m	>20	<1	1	1
Water		WC Method	>0.1	NEG	NEG	NEG
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
Sodium	ppm	ASTM D5185m		28	5	3
Boron	ppm	ASTM D5185m		48	67	74
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		0	9	7
Calcium	ppm	ASTM D5185m		239	174	176
Phosphorus	ppm	ASTM D5185m		304	230	229
Zinc	ppm	ASTM D5185m		223	61	54
Sulfur	ppm	ASTM D5185m		1520	1757	1324
Visc @ 40°C	cSt	ASTM D445	35.0	30.1	27.5	27.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0917764
Lab Number : 06176407
Unique Number : 11022460
Test Package : FLEET
Received : 10 May 2024
Tested : 13 May 2024
Diagnosed : 16 May 2024 - Jonathan Hester

LONDON FIRE
 103 E HIGH ST
 LONDON, OH
 US 43140
 Contact: TODD EADES

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: