



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
Huge L Steel/2171
 Component
Hydraulic System
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80 Tractor TDH Fluid. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

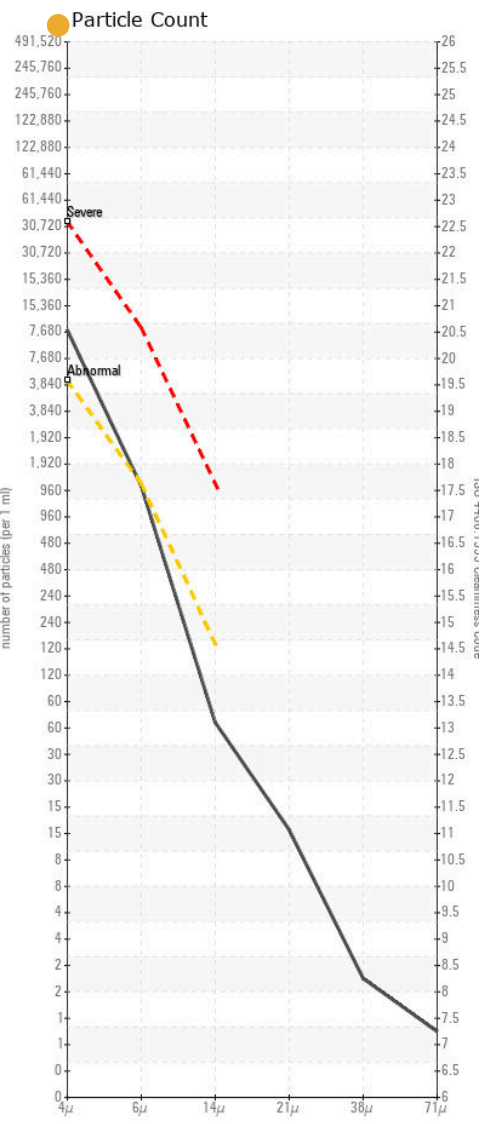
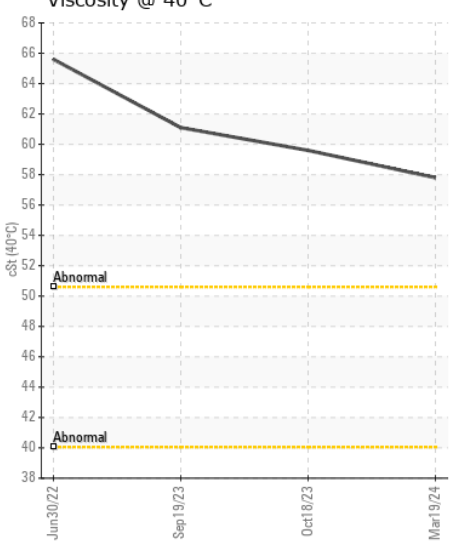
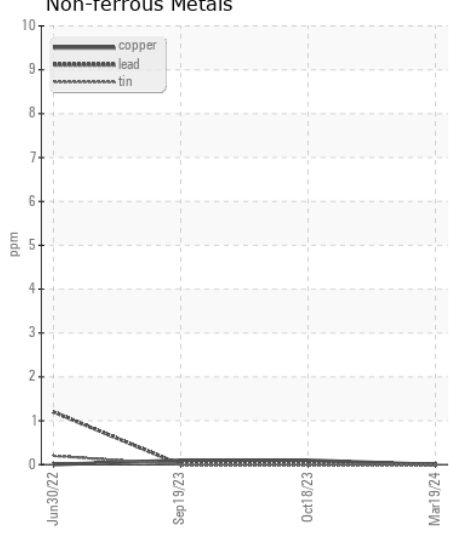
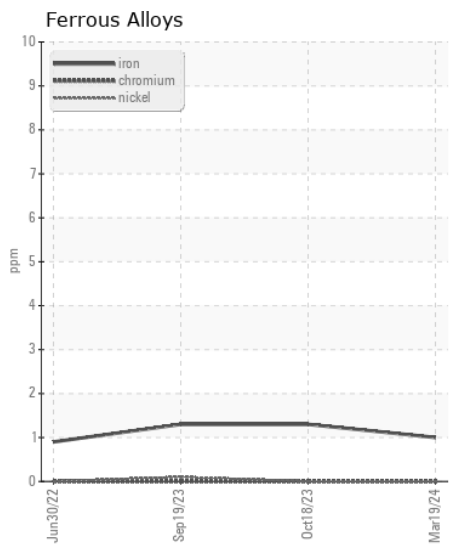
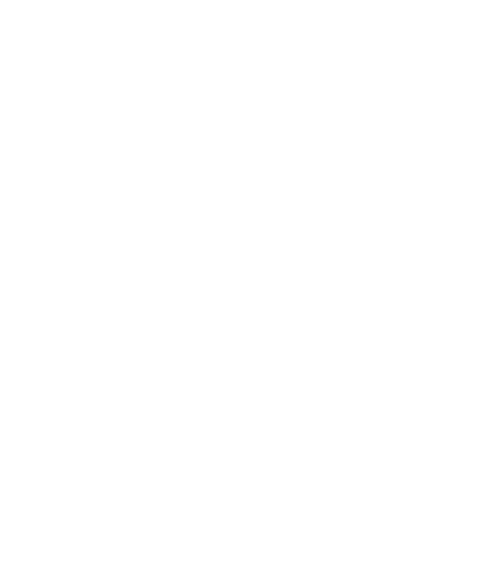
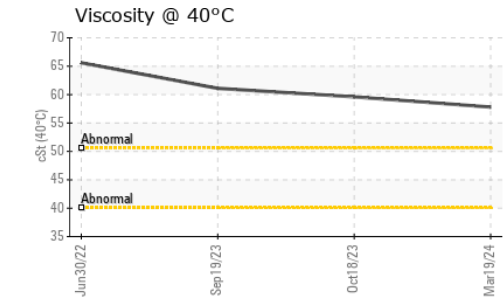
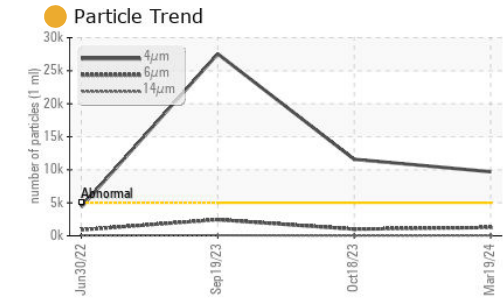
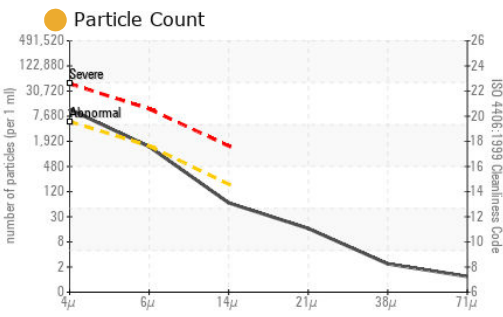
CONTAMINATION

There is a light amount of silt (particulates < 14 microns in size) present 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		WC0901505	WC0858925	WC0858926
Sample Date		Client Info		19 Mar 2024	18 Oct 2023	19 Sep 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	35
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>20	1	1	1
Chromium	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)	>10	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	0	<1	<1
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Copper	ppm	ASTM D5185(m)	>75	0	<1	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	2	3	4
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	9705	▲ 11582	▲ 27551
Particles >6µm		ASTM D7647	>1300	1258	1007	● 2448
Particles >14µm		ASTM D7647	>160	57	31	88
Particles >21µm		ASTM D7647	>40	14	10	27
Particles >38µm		ASTM D7647	>10	2	3	1
Particles >71µm		ASTM D7647	>3	1	2	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/17/13	▲ 21/17/12	▲ 22/18/14
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	VLITE	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 D5185(m)		<1	1	1
Boron	ppm	ASTM D5185(m)		<1	2	3
Barium	ppm	ASTM D5185(m)		<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)		0	1	2
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		14	19	22
Calcium	ppm	ASTM D5185(m)		2981	3098	3029
Phosphorus	ppm	ASTM D5185(m)		1138	1174	1113
Zinc	ppm	ASTM D5185(m)		1226	1245	1208
Sulfur	ppm	ASTM D5185(m)		3136	3265	3193
Visc @ 40°C	cSt	ASTM D7279(m)		57.8	59.6	61.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0901505 **Received** : 04 Apr 2024
Lab Number : 02626667 **Tested** : 05 Apr 2024
Unique Number : 5759799 **Diagnosed** : 05 Apr 2024 - Wes Davis
Test Package : MOB 2

Vaderstad Industries
 Box 123, 2 miles N on HWY 9
 Langbank, SK
 CA S0G 2X0
 Contact: Doziauwa Etufunwa
 doziauwa.etufunwa@vaderstad.com
 T:
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.