



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
MONAGHAN MUSHROOMS
Machine Id
DOOSAN DL480-7
Component
Rear Differential
Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm.

WEAR

All component wear rates are normal.

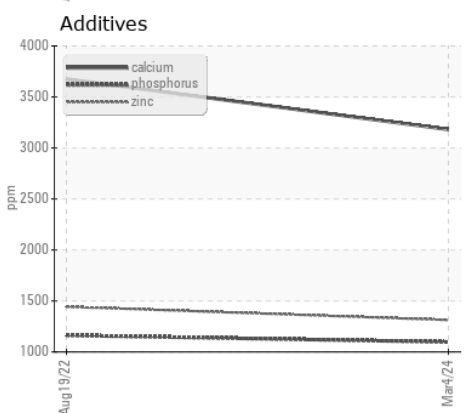
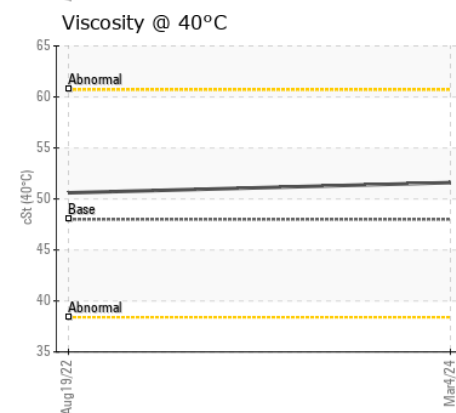
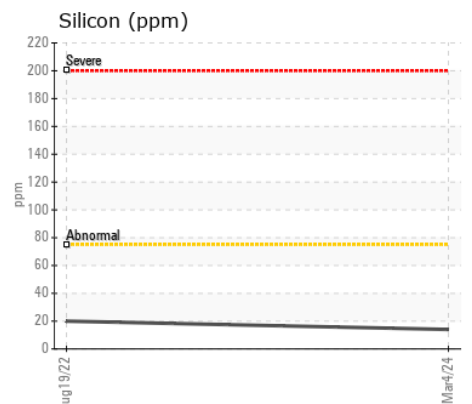
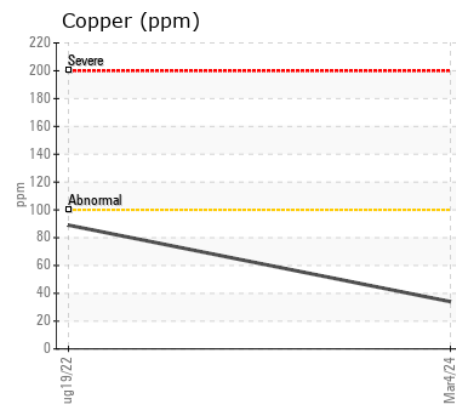
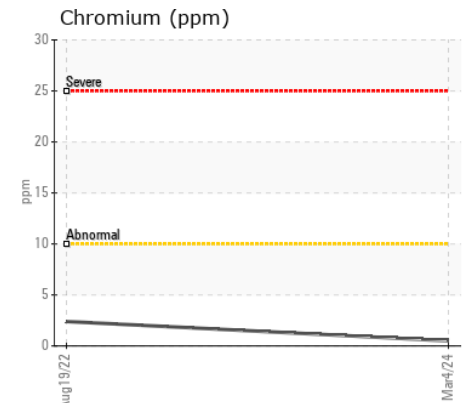
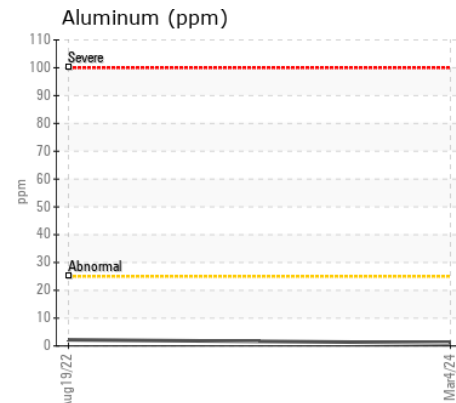
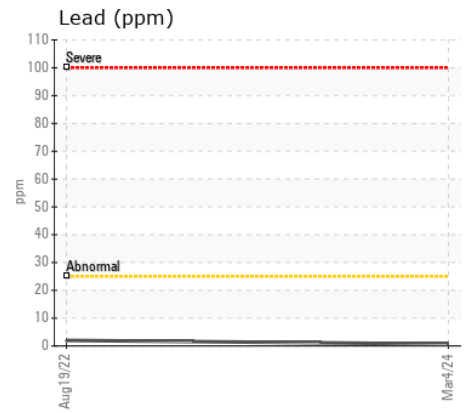
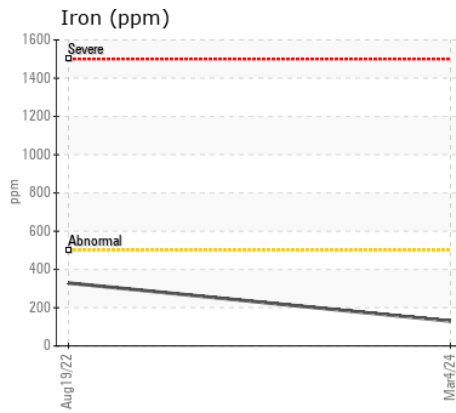
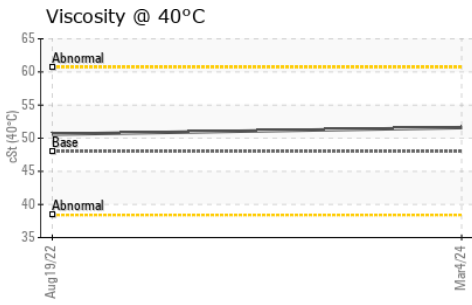
CONTAMINATION

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		WC0890748	WC0713545	---
Sample Date		Client Info		04 Mar 2024	19 Aug 2022	---
Machine Age	hrs	Client Info		0	1500	---
Oil Age	hrs	Client Info		0	1000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	Changed	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185(m)	>500	130	329	---
Chromium	ppm	ASTM D5185(m)	>10	<1	2	---
Nickel	ppm	ASTM D5185(m)	>10	1	8	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	1	2	---
Lead	ppm	ASTM D5185(m)	>25	<1	2	---
Copper	ppm	ASTM D5185(m)	>100	34	89	---
Tin	ppm	ASTM D5185(m)	>10	2	4	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>75	14	20	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		1	12	---
Boron	ppm	ASTM D5185(m)	10	96	100	---
Barium	ppm	ASTM D5185(m)	10	1	1	---
Molybdenum	ppm	ASTM D5185(m)	10	<1	<1	---
Manganese	ppm	ASTM D5185(m)		3	25	---
Magnesium	ppm	ASTM D5185(m)	100	16	19	---
Calcium	ppm	ASTM D5185(m)	3500	3181	3675	---
Phosphorus	ppm	ASTM D5185(m)	1150	1097	1163	---
Zinc	ppm	ASTM D5185(m)	1150	1313	1443	---
Sulfur	ppm	ASTM D5185(m)	3000	2894	4149	---
Visc @ 40°C	cSt	ASTM D7279(m)	48	51.6	50.6	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0890748
Lab Number : 02620007
Unique Number : 5737117
Test Package : MOB 1
Received : 05 Mar 2024
Tested : 05 Mar 2024
Diagnosed : 05 Mar 2024 - Wes Davis

C.G. EQUIPMENT
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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.