



Area
[W68302]

Machine Id
ATLAS COPCO D60 G19SED0249

Component
Right Final Drive

Fluid
JOHN DEERE GL-5 80W90 (1 GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. (Customer Sample Comment: W68302)

WEAR

All component wear rates are normal.

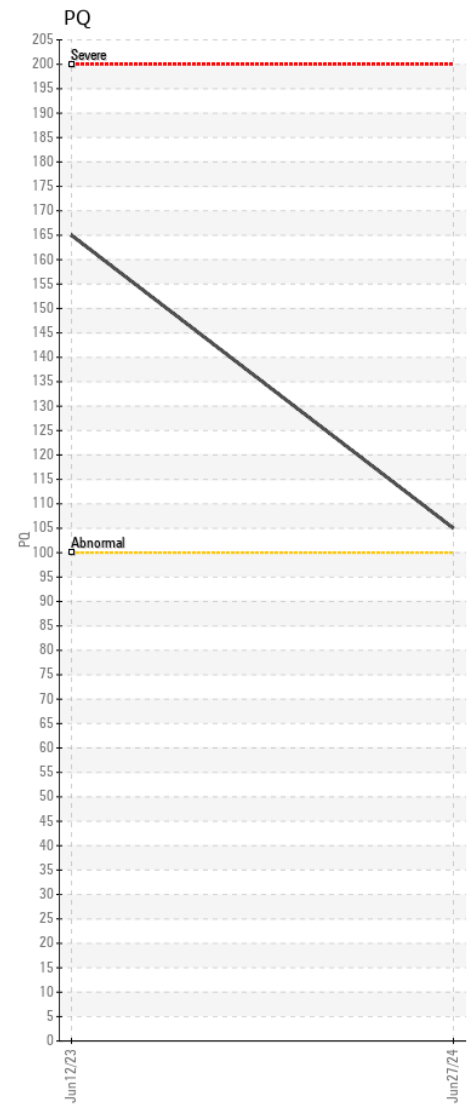
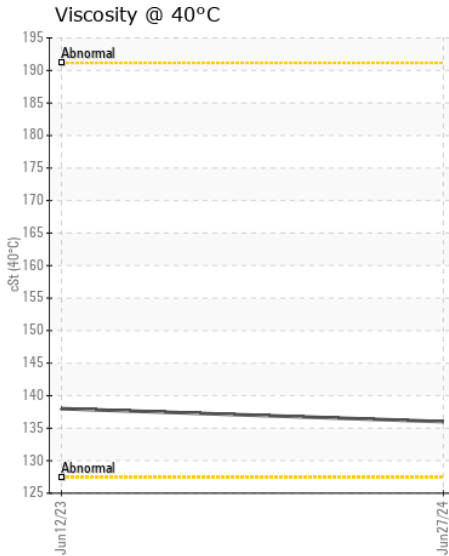
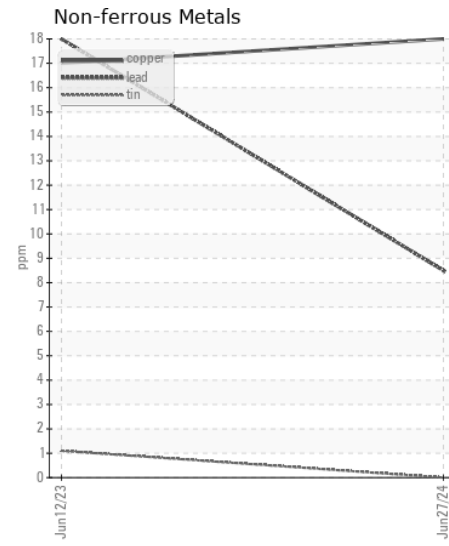
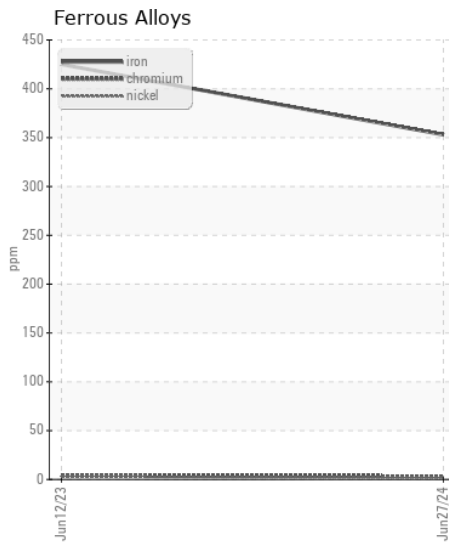
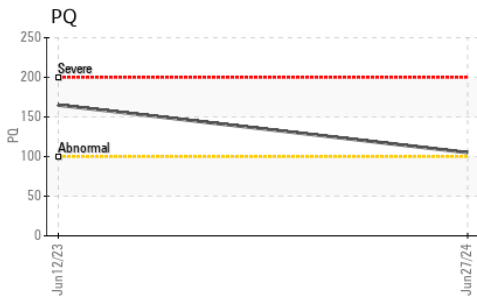
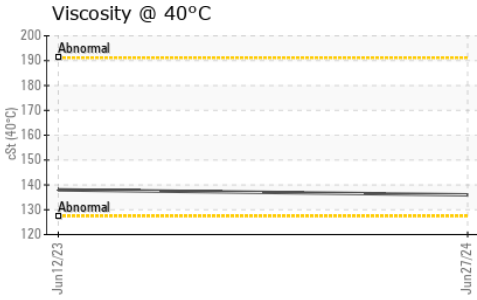
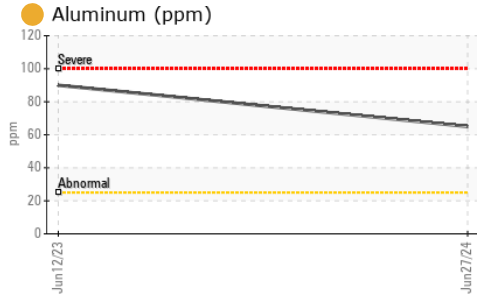
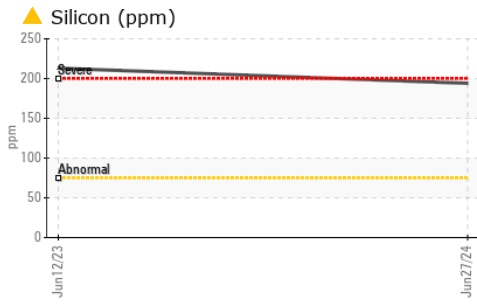
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

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		JR0219696	JR0172041	---
Sample Date		Client Info		27 Jun 2024	12 Jun 2023	---
Machine Age	hrs	Client Info		9048	1725	---
Oil Age	hrs	Client Info		7323	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	ABNORMAL	---
PQ		ASTM D8184		105	165	---
Iron	ppm	ASTM D5185m	>500	353	425	---
Chromium	ppm	ASTM D5185m	>10	3	4	---
Nickel	ppm	ASTM D5185m	>10	2	3	---
Titanium	ppm	ASTM D5185m		6	5	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	65	90	---
Lead	ppm	ASTM D5185m	>25	8	18	---
Copper	ppm	ASTM D5185m	>50	18	17	---
Tin	ppm	ASTM D5185m	>10	0	1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	▲ 194	▲ 213	---
Potassium	ppm	ASTM D5185m	>20	22	12	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	MODER	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		26	19	---
Boron	ppm	ASTM D5185m		15	0	---
Barium	ppm	ASTM D5185m		0	2	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		4	5	---
Magnesium	ppm	ASTM D5185m		18	26	---
Calcium	ppm	ASTM D5185m		37	65	---
Phosphorus	ppm	ASTM D5185m		419	351	---
Zinc	ppm	ASTM D5185m		7	13	---
Sulfur	ppm	ASTM D5185m		22809	24526	---
Visc @ 40°C	cSt	ASTM D445		136	138	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219696 **Received** : 28 Jun 2024
Lab Number : 06223699 **Tested** : 01 Jul 2024
Unique Number : 11101896 **Diagnosed** : 01 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: James Ball
 JBall@jamesriverequipment.com

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)

T:
 F: (704)596-6198