



CONSTRUCTION EQUIPMENT

VOLVO SD115 236019 - GEARBOX



Sample No: VCP412276
Oil Type: MOBIL SH 600
Job No:



SAMPLE INFORMATION

Sample Number	VCP412276	VCP422010	VCP385166	---
Sample Date	11 Aug 2023	11 Aug 2023	24 Oct 2022	---
Machine Hours	5001	5001	4470	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

WLW CONSTRUCTION
 PO BOX 377
 MT DORA, FL
 US 32756-0377
 Contact: ELAINE STULTZ
 elaine@wlwconstruction.com
 T: (352)383-7305
 F:



OIL CONDITION

Visc @ 40°C	cSt	220	200	202	---
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CONTAMINATION

Silicon	ppm	6	41	33	---
Sodium	ppm	4	<1	0	---
Potassium	ppm	0	0	<1	---



WEAR METALS

Iron	ppm	353	95	72	---
Copper	ppm	137	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	1	0	0	---
Aluminum	ppm	0	0	1	---
Chromium	ppm	4	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	54	39	35	---
Magnesium	ppm	3	6	5	---
Zinc	ppm	128	304	307	---
Phosphorus	ppm	776	438	438	---
Barium	ppm	0	0	2	---
Boron	ppm	29	0	4	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. NOTE: one of two samples received with same ID and sampling date. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: WLWMOU
Unique No: 10608430
Signed: Don Baldrige
Report Date: 21 Aug 2023

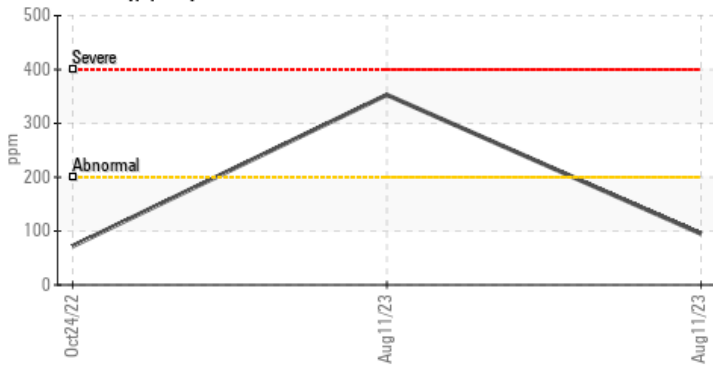


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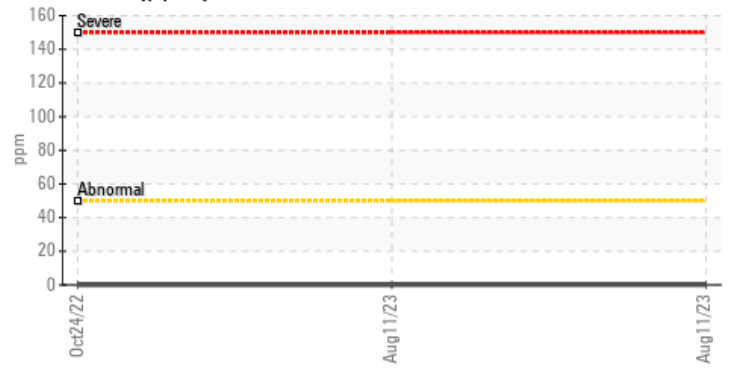


GRAPHS

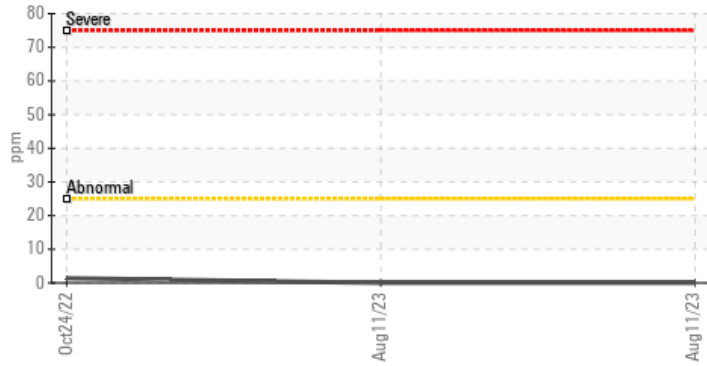
▲ Iron (ppm)



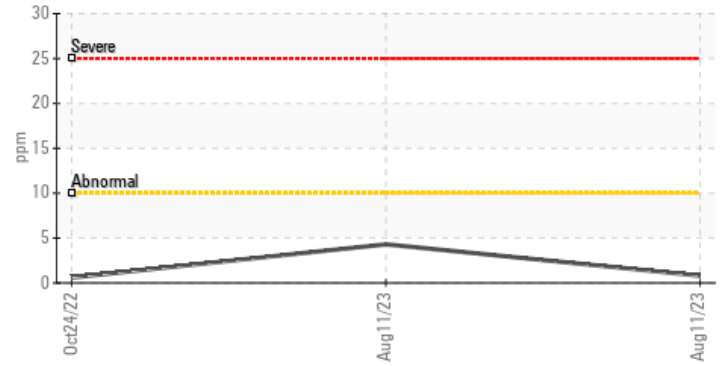
Lead (ppm)



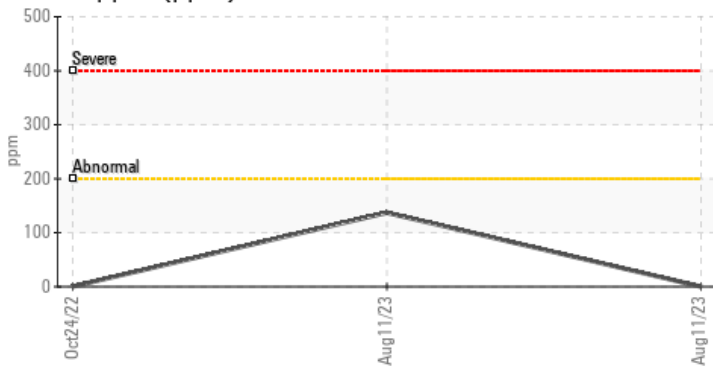
Aluminum (ppm)



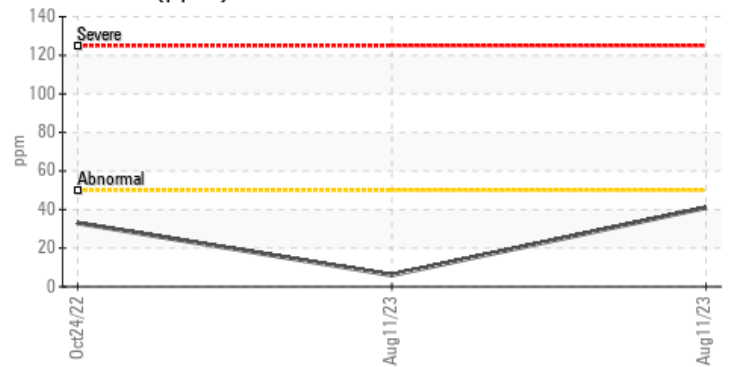
Chromium (ppm)



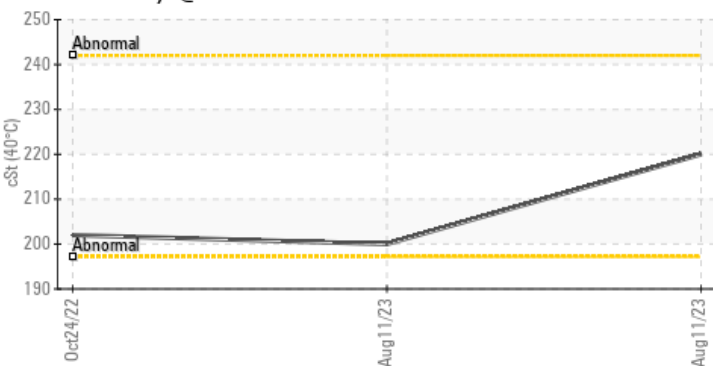
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

